



NEMO EVALUATION REPORT (NER)



Tremco CPG, Inc.
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Beachwood, OH 44122
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SUBJECT: Tremco TPA Single Ply Roof Systems

SCOPE: This NEMO Evaluation Report (henceforth 'NER') is issued under F.A.C. [Rule 61G20-3](#) and the applicable rules and regulations governing Product Approval of construction materials in the State of Florida and ISO/IEC 17065 via [NEMO|cert](#). NEMO Evaluations has evaluated the product described herein for compliance with the [Code sections noted herein](#).

CODE: 2023 Florida Building Code, 8th Edition

JURISDICTION: Non-HVHZ and HVHZ

NEMO CATEGORY: Single Ply

FBC CATEGORY: Roofing

FBC SUB-CATEGORY: Single Ply Roof Systems

CSI DIVISION: 07 00 00 Thermal and Moisture Protection
07 54 00 Thermoplastic Membrane Roofing
07 54 19 Polyvinyl-Chloride Roofing

METHOD: Method 1, Option C – Codified Material, Evaluation by Evaluation Entity

COMPLIANCE STATEMENT: **Tremco TPA Single Ply Roof Systems**, as produced by **Tremco CPG, Inc.**, have demonstrated compliance with the [Code sections noted herein](#) through testing in accordance with the referenced Standards, rational analysis and an ongoing quality assurance program. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

QUALITY ASSURANCE: Evidence of current quality assurance shall be listing and labeling in accordance with the requirements of [NEMO|cert](#).

CONTINUED COMPLIANCE: This NER is valid until such time the named product(s) change, the referenced Quality Assurance changes, or the evaluated Code provisions change. NEMO Evaluations requires, at minimum, a complete review of this NER with each 3-year Code Cycle.

BUILDING PERMIT REQUIREMENTS: As required by the Building Official or Authority Having Jurisdiction to evaluate the installation of this product.

ADVERTISEMENT: "NEMO Evaluated" may be displayed in advertising literature. If any portion of the NER is displayed, it shall be displayed in its entirety.

CERTIFICATION OF INDEPENDENCE:

- ✓ NEMO CERT, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluate.
- ✓ NEMO CERT, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
- ✓ This is a building code evaluation. NEMO CERT, LLC is not, in any way, the Designer of Record for any project on which this NER, or previous versions thereof, is/was used for permitting or design guidance.



1. CODES, PROPERTIES AND STANDARDS:

CODE	SECTION	PROPERTY	STANDARD
2023 Florida Building Code, 8 th Edition	1504.3.1	Wind resistance	FM 4474
	1504.6	Physical properties	ASTM G154
	1504.7	Impact resistance	FM 4470
	1507.10.2, TAS 110	Material standard	ASTM D4601
	1507.10.2, TAS 110	Material standard	ASTM D2178
	1507.11.2, TAS 110	Material standard	ASTM D6162
	1507.11.2, TAS 110	Material standard	ASTM D6163
	1507.11.2, TAS 110	Material standard	ASTM D6164
	1507.12.2, TAS 110	Material standard	ASTM D4434
	TAS 110	Resistance to Foot Traffic	TAS 114, Section 8.9
	TAS 110	Wind resistance	TAS 114, Appendix C, D or J
	TAS 110	Susceptibility Hail Damage	TAS 114, Appendix F
	TAS 110	Susceptibility to Leakage	TAS 114, Appendix G

2. PRODUCTS:

TABLE 1: EVALUATED MEMBRANES				
TYPE	PRODUCT		MATERIAL STANDARD	
	NAME		REFERENCE	TYPE
ROOF COVER ¹	TPA	45, 60, 80-mil	ASTM D4434	III
ROOF COVER OR CAP PLY ¹	TPA FB	45, 60, 80-mil	ASTM D4434	III
BASE PLY, PLY OR VAPOR BARRIER ²	BURmastic Composite Ply HT		ASTM D4601	II
	BURmastic Composite Ply Premium		ASTM D4601	II
	THERMglass Type IV		ASTM D2178	IV
	THERMglass Premium VI		ASTM D2178	VI
	POWERply Endure 300 Smooth		ASTM D6162	III
	POWERply Endure 320 Smooth		ASTM D6162	III
	POWERply Standard Smooth		ASTM D6163	I
	POWERply Standard Smooth HW		ASTM D6163	I
	POWERply Endure 100 Smooth		ASTM D6163	III
	POWERply Heavy Duty Base Sheet		ASTM D6163	III
POWERply 2PM		ASTM D6164	I	
POWERply Endure 200 Smooth		ASTM D6164	I	

TABLE 2: COMPONENTS BY OTHERS (4.1.3)				
TYPE	TREMCO PRODUCT	ACCEPTABLE ALTERNATE	FBC	NOA
ROOFING FASTENERS:	Tremco #12 DP Fastener	Trufast #12 DP	FL4500	24-0227.06
	Tremco #14 HD Fastener	Trufast #14 HD		
	Tremco #15 EHD Fastener	Trufast #15 EHD		
	N/A	Trufast VERSA-FAST Fastener		
	Tremco Twin Loc-Nail Assembled Fastener	Trufast Twin Loc-Nail Assembled Fastener		
	Tremco 2.4" Barbed Seam Plate	Trufast 2.4" Scoop Seam Plate		
	Tremco 3" Metal Insulation Plate	Trufast 3" Metal Insulation Plate		
	N/A	Trufast PVC IW Plate		
	N/A	Trufast VERSA-FAST Metal Plate		
	N/A	Trufast Coiled Batten Bar-Deep Well (BB-20R-3-DW)	N/A	N/A
	Tremco #1211 Fastener	OMG #12 Standard	FL699	23-0718.03
	Tremco #1410 Fastener	OMG Heavy Duty		
Tremco #1510 XHD Fastener	OMG XHD Fastener			
N/A	OMG Maxload Fastener			

¹ NEMO Certified. Consult [Directory of Certified Products](#) for production location(s).

² Contact contact@nemocert.com for production location(s) of non-Certified products covered by QA/Surveillance services.



TABLE 2: COMPONENTS BY OTHERS (4.1.3)				
TYPE	TREMCO PRODUCT	ACCEPTABLE ALTERNATE	FBC	NOA
	N/A	OMG Super XHD		

TABLE 2: COMPONENTS BY OTHERS (4.1.3)				
TYPE	TREMCO PRODUCT	ACCEPTABLE ALTERNATE	FBC	NOA
ROOFING FASTENERS:	N/A	OMG CD-10	FL699	23-0718.03
	N/A	OMG Polymer Gyptec Fastener		
	Tremco Disc 3 in. Steel Stress Plate	OMG 3 in. Galvalume Steel Plate		
	Tremco Disc Ribbed 3 in. Steel Stress Plate	OMG 3 in. Ribbed Galvalume Plate		
	N/A	OMG 2-3/4 in. Super XHD Barbed Seam Plate		
	N/A	OMG 2-3/8 in Eyehook Seam Plate		
	N/A	OMG 2 in. Barbed Seam Plate		
	N/A	OMG 2-3/8 in. XHD Barbed Seam Plate		
	N/A	OMG RhinoBond Insulation Plate (PVC)		
	N/A	OMG 2" Barbed Plastic Seam Plate		
	N/A	Polymer Gyptec Metal Plate	N/A	N/A
	N/A	Dekfast DF-#12-PH3	FL20311	22-0913.02
	N/A	Dekfast DF-#14-PH3		
	N/A	Dekfast DF-#15-PH3		
	N/A	Dekfast PLT-R-3		
	N/A	isoweld® F1-P-6.8-PVC	FL41667	23-0525.02
	N/A	Simplex MAXX Cap Fastener		
	N/A	ACE #12		
	N/A	ACE #15		
	N/A	ACE 3" BE Insulation Plate		
N/A	ACE 3" WW Insulation Plate			
INSULATIONS:	TremBoard AC	N/A	N/A	N/A
	Trisotech	ENRGY 3	FL4205	23-0509.05
	Trisotech G	ACFoam-II	FL17989	24-0215.03
	Trisotech CGF	ACFoam-III		
	N/A	ACFoam HD CoverBoard		
	N/A	ACFoam HD CoverBoard-FR	N/A	N/A
	N/A	Atlas ThermalStar Type II	N/A	N/A
	N/A	H-Shield	FL5968	24-0422.09
	N/A	EnergyGuard Polyiso Insulation	FL16311	24-0227.08
	N/A	DensDeck	FL1250	22-1223.04
	N/A	DensDeck Prime		
	N/A	DensDeck StormX Prime Roof Board	N/A	N/A
	N/A	DEXcell FA Glass Mat Roof Board	FL17840	20-0212.01
	N/A	DEXcell Cement Roof Board		
	N/A	Styrofoam Brand Roofmate	FL38732	23-1121.01
	N/A	Styrofoam Brand Highload 60		
	N/A	Styrofoam Brand Plazamate		
	N/A	Styrofoam Brand Deckmate Plus	N/A	N/A
	N/A	ISO 95+ GL	N/A	23-0613.13
	N/A	RESISTA	N/A	N/A
	N/A	Multi-Max FA3	FL11207	22-0815.03
	N/A	Ultra-Max		
	N/A	MONOBOARD Plus	FL13712	20-0818.10
	N/A	TOPROCK DD Plus		
	N/A	SECUROCK Cement Roof Board	FL4264	21-0923.05



TABLE 2: COMPONENTS BY OTHERS (4.1.3)

TYPE	TREMCO PRODUCT	ACCEPTABLE ALTERNATE	FBC	NOA
	N/A	SECUROCK Gypsum-Fiber Roof Board		
	N/A	Structodek HD with Primed Red Coating	N/A	N/A
	N/A	STURDY-DEK Asphaltic Coverboard	FL13792	23-0623.03
	N/A	Elastizell Lightweight Insulating Concrete	FL4994	23-0817.05
	N/A	Cellular Concrete	FL2037	23-0718.06
ADHESIVES:	Tremco Low Rise Foam Insulation Adhesive	Tremco Low Rise Green Foam Insulation Adhesive	N/A	N/A
		Millennium One Step Foamable Adhesive	FL1800	21-1018.06
		Millennium One Step Green Foamable Adhesive		
	Tremco Low Rise Foam Insulation Adhesive (BG)	Tremco LR Adhesive	N/A	N/A
		Millennium PG-1 Pump Grade Adhesive	FL1800	21-1018.06
	Tremco LR Adhesive	Millennium PG-1 Pump Grade Adhesive	FL1800	21-1018.06
	Tremco PSF Adhesive	N/A	N/A	N/A
	THERMastic	N/A	N/A	N/A
	THERMastic 80	N/A	FL3818	22-0726.04
	BURmastic Adhesive MC	N/A	N/A	22-0726.04
	TPA Bonding Adhesive	N/A	N/A	N/A
	TPA LV Single Ply Bonding Adhesive	N/A	N/A	N/A
	Tremco Fleece Backed WB Single Ply Bonding Adhesive	N/A	N/A	N/A
POWERply Endure BIO Adhesive TF	N/A	N/A	N/A	
PRIMERS:	AlphaGuard C-Prime	N/A	FL15546	22-0726.04
	TREMprime WB Primer	N/A	FL3818	22-0726.04
	Tremco AVC Membrane Primer	N/A	N/A	N/A
	Tremco AVC Membrane Primer (WB)	N/A	N/A	N/A
ROLL GOODS:	Tremco AVC Max	N/A	N/A	N/A
	Tremco AVC Membrane	N/A	N/A	N/A

3. INSTALLATION:

3.1 **Tremco TPA Single Ply Roof Systems** shall be installed in accordance with **Tremco CPG, Inc.** published installation instructions, subject to the [Limitations of Use](#) noted herein.

3.1.1 **Fasteners:** Fasteners shall be of sufficient length for the following engagements.

FASTENER REFERENCES		
ROOF DECK	PARTS	FASTENER ENGAGEMENT
Wood, engineered sheathing or plank	Fastener Options: Tremco #1211 Fastener, Tremco #1410 Fastener, Tremco #1510 Fastener, Tremco #12 DP Fastener, Tremco #14 HD Fastener, Tremco #15 EHD Fastener, OMG #12 Standard, OMG Heavy Duty, OMG XHD, Dekfast DF-#14-PH3, Dekfast DF-#15-PH3, Trufast #12 DP, Trufast #14 HD or Trufast #15 EHD	Min. 0.75-inch penetration (engineered sheathing) or min. 1-inch embedment (plank)
	Plate Options: Tremco Disc 3 in. Steel Stress Plate, Tremco 3" Metal Insulation Plate, OMG 3 in. Ribbed Galvalume Plate, OMG 3 in. Galvalume Plate, SFS Dekfast PLT-R-3 or Trufast 3" Metal Insulation Plate	
	Proprietary Combinations: ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate (with polyisocyanurate insulation, TremBoard AC, DEXcell Cement Roof Board, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board)	
Steel	Fastener Options: Tremco #1211 Fastener, Tremco #1410 Fastener, Tremco #1510 Fastener, Tremco #12 DP Fastener, Tremco #14 HD Fastener, Tremco #15 EHD Fastener, OMG #12 Standard, OMG Heavy Duty, OMG XHD, SFS Dekfast DF-#12-PH3, Dekfast DF-#14-PH3, Dekfast DF-#15-PH3, Trufast #12 DP, Trufast #14 HD or Trufast #15 EHD	Min. 0.75-inch penetration



FASTENER REFERENCES			
ROOF DECK	PARTS		FASTENER ENGAGEMENT
	Plate Options:	Tremco Disc 3 in. Steel Stress Plate, Tremco Disc Ribbed 3 in. Steel Stress Plate, Tremco 3" Metal Insulation Plate, OMG 3 in. Ribbed Galvalume Plate, OMG 3 in. Galvalume Steel Plate, SFS Dekfast PLT-R-3 or Trufast 3" Metal Insulation Plate	
	Proprietary Combinations:	ACE #12 or ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate (with polyisocyanurate insulation, TremBoard AC, DEXcell Cement Roof Board, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board)	
Structural Concrete	Fastener Options:	Tremco #1410 Fastener, Tremco #14 HD Fastener, OMG Heavy Duty, OMG CD-10, SFS Dekfast DF-#14-PH3 or Trufast #14 HD	Non-HVHZ: Min. 1-inch embedment HVHZ: Min. 1.25-inch embedment
	Plate Options:	Tremco Disc 3 in. Steel Stress Plate, Tremco 3" Metal Insulation Plate, OMG 3" Galvalume Plate, SFS Dekfast PLT-R-3 or Trufast 3" Metal Insulation Plate	
	Proprietary Combinations:	ACE #15 with ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate (with polyisocyanurate insulation, TremBoard AC, DEXcell Cement Roof Board, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board)	

3.1.2 Insulation:

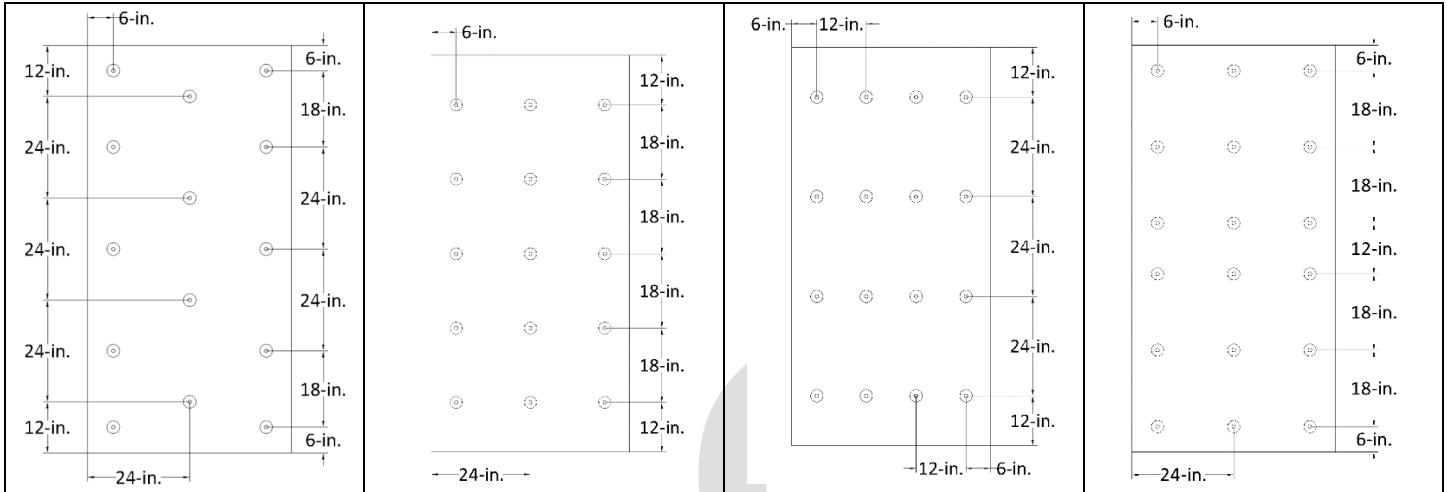
- (a) Unless otherwise noted, insulation may be any one layer or combination of FBC Approved (Local or Statewide) board(s) that meet FBC 1505 and, for foam plastic, FBC Chapter 26, when installed with the roof cover.
- (b) For Structural Concrete Deck or Recover Applications using System Type C-1 the base insulation layer is optional and using System Type C-2, D-1 or D-2, the insulation is optional. Alternatively, an FBC Approved (Local or Statewide) insulation board or coverboard may be used as a separation layer. Board products shall be preliminarily attached prior to roof cover installation, see Section 3.1.2(d). The separator component shall be documented as meeting FBC 1505 and, for foam plastic, FBC Chapter 26, when installed with the roof cover in Recover applications.
- (c) Minimum 200 psi, minimum 2-inch thick FBC Approved (Local or Statewide) lightweight insulating concrete may be substituted for, or installed below, rigid insulation board for System Types B-1, C-1, C-2, D-1 or D-2, whereby fasteners are installed through the lightweight insulating concrete to engage the structural deck. The structural deck shall be of equal or greater type, thickness and strength to the steel and structural concrete deck listings. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction. This is a wind uplift resistance allowance and does not purport to address non-wind-uplift-related issues, such as deck venting or moisture levels within the LWIC and the potential effect on overlying components.
- (d) Preliminary insulation attachment:
 - Non-HVHZ: Unless otherwise noted, use FBC Approved (Local or Statewide) roofing fasteners and plates and refer to Section 2.2.10.1.3 of [FM Loss Prevention Data Sheet 1-29](#).
 - HVHZ: Unless otherwise noted, use FBC HVHZ Approved roofing fasteners and plates; minimum four fasteners per 4 x 8 ft board or minimum two fasteners per 4 x 4 ft board.
- (e) Lightweight insulating concrete (LWIC) shall be cast in accordance with FBC Section 1917 to the satisfaction of the Authority Having Jurisdiction. For systems where specific LWIC is referenced, refer to current LWIC [Florida Product Approval](#) or [NOA](#) for specific deck construction and limitations. Unless otherwise noted, for systems where specific LWIC is not referenced, the minimum design mix shall be 300 psi. In all cases, the minimum top-coat thickness is 2-inches. For LWIC over structural concrete, reference is made to FBC Section 1917.4.1, Point 1. For "pre-existent" LWIC references, listings were established through testing over lightweight concrete cast using only foaming agent (ASTM C896), water and Portland cement (ASTM C150), with no proprietary additives, in accordance with procedures adopted by Miami-Dade BCCO (FBC CER1592). Use of these listings in new construction or re-roof (tear-off) applications is at the discretion of the Designer or Record and Authority Having Jurisdiction.
- (f) Unless otherwise noted, rigid board insulation or coverboard attachment patterns for Type B-1, B-2, and C-1 systems are as outlined below.

INSULATION ATTACHMENT PATTERNS – 4x4 FT BOARDS		
1 per 4.0 ft ² (4 per board)	1 per 3.2 ft ² (5 per board)	1 per 2.7 ft ² (6 per board)



1 per 2.0 ft² (8 per board)	1 per 1.8 ft² (9 per board)	1 per 1.6 ft² (10 per board)
1 per 1.45 ft² (11 per board)	1 per 1.3 ft² (12 per board)	1 per 1.0 ft² (16 per board)

INSULATION ATTACHMENT PATTERNS – 4x8 FT BOARDS			
1 per 4.0 ft² (8 per board)	1 per 3.2 ft² (10 per board)	1 per 2.9 ft² (11 per board)	1 per 2.7 ft² (12 per board)
1 per 2.3 ft² (14 per board)	1 per 2.13 ft² (15 per board)	1 per 2.0 ft² (16 per board)	1 per 1.8 ft² (18 per board)



3.1.3 Insulation Adhesives:

(a) Unless otherwise noted, insulation adhesive application rates are as follows.

Ribbon or bead width is at the time of application; the ribbons/beads shall expand as noted in the manufacturer’s published instructions. If applying hot asphalt to concrete deck, deck shall be primed with ASTM D41 primer. When multiple layers(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, board joints shall be staggered. The maximum edge distance from the adhesive ribbon to the edge of the insulation board shall be not less than one-half the specified ribbons spacing.

INSULATION ADHESIVE REFERENCES			
By	ADHESIVE	REFERENCE	RATE
Tremco CPG	Tremco Low Rise Foam Insulation Adhesive	LRFIA	Continuous ribbons, 12-inch o.c.
	Tremco Low Rise Foam Insulation Adhesive (BG)	LRFIA(BG)	Continuous ribbons, 12-inch o.c.
	Tremco PSF Adhesive	PSFA	Continuous ribbons, 12-inch o.c.
Generic	Hot asphalt		Full coverage at 25-30 lbs/square

(b) Unless otherwise noted, all insulations are flat-stock or taper board of the minimum thickness noted. Tapered polyisocyanurate at the following thickness limitations may be substituted with the following Maximum Design Pressure (MDP) limitations. In no case shall these values be used to ‘increase’ the MDP listings in the tables; rather if MDP listing below meets or exceeds that listed for a particular system in the tables, then the thinner board listed below may be used as a drop-in for the equivalent thicker material listed in the table.

MDP LIMITATIONS FOR TAPERED POLYISOCYANURATE INSULATIONS			
ADHESIVE	INSULATION	MIN. TAPERED THICKNESS (IN.)	MDP (PSF)
LRFIA or LRFIA(BG)	Any polyisocyanurate listed with adhesive herein	0.5	-157.5

(c) Adhered Insulation, Board Size:

- Non-HVHZ: Unless otherwise noted, refer to Section 2.2.10.6.2 of [FM Loss Prevention Data Sheet 1-29](#).
- HVHZ: Bonded polyisocyanurate insulation boards shall be maximum 4 x 4 ft.

3.1.4 Roof Covers:

(a) For bonded membrane applications, unless otherwise noted, refer to the following.

MEMBRANE / ADHESIVE COMBINATIONS					
REFERENCE	LAYER	MATERIAL	APPLICATION		
			ADHESIVE	METHOD	RATE
BB1-TPABA	Roof Cover:	TPA	TPA Bonding Adhesive	Contact (both sides)	0.83 gal/square per surface
BB2-TPALV	Roof Cover:	TPA	TPA LV Single Ply Bonding Adhesive	Contact (both sides)	0.83 gal/square per surface
FB1-HA	Cap Ply:	TPA FB	Hot asphalt	Wet lay (substrate)	25 lbs/square
FB2-THERM	Cap Ply:	TPA FB	THERMastic or THERMastic 80	Wet lay (substrate)	25 lbs/square



MEMBRANE / ADHESIVE COMBINATIONS					
REFERENCE	LAYER	MATERIAL	APPLICATION		
			ADHESIVE	METHOD	RATE
FB3-TPABA	Cap Ply:	TPA FB	TPA Bonding Adhesive	Wet lay (substrate)	1 gal/square
FB4-FBWB	Cap Ply:	TPA FB	Tremco Fleece Backed WB Single Ply Bonding Adhesive	Wet lay (substrate)	1 gal/square
FB5-TLRA	Cap Ply:	TPA FB	Tremco LR Adhesive	Wet lay (substrate)	1-inch wide ribbons spaced as noted in tables herein or Spatter-application
FB6-PEBATF	Cap Ply:	TPA FB	POWERply Endure BIO Adhesive TF	Wet lay	2.0 to 3.0 gal/square
FB7-PSFA	Cap Ply:	TPA FB	Tremco PSF Adhesive	Wet lay	Spatter-application
BP-CA5	Base Ply or Ply:	One or two BURmastic Composite Ply HT, BURmastic Composite Ply Premium	POWERply Endure BIO Adhesive TF	Wet lay (substrate)	2.0 gal/square
SBS-CA5	Base Ply or Ply:	One or two POWERply Endure 300 Smooth, POWERply Endure 320 Smooth, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Heavy Duty Base, POWERply 2PM, POWERply Endure 200 Smooth			
BP-CA6	Base Ply or Ply:	One or two BURmastic Composite Ply HT, BURmastic Composite Ply Premium	BURmastic Adhesive MC	Wet lay (substrate)	2.0 gal/square
SBS-CA6	Base Ply or Ply:	POWERply Endure 300 Smooth, POWERply Endure 320 Smooth, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Heavy Duty Base, POWERply 2PM, POWERply Endure 200 Smooth			
BP-AA	Base Ply:	One or two BURmastic Composite Ply HT, BURmastic Composite Ply Premium	Hot asphalt	Wet lay (substrate)	25 lbs/square
	Ply:	One or more THERMglass Type IV, THERMglass Premium VI			
SBS-AA	Base Ply or Ply:	One or two POWERply Endure 300 Smooth, POWERply Endure 320 Smooth, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Heavy Duty Base, POWERply 2PM, POWERply Endure 200 Smooth			
BP-SEBS	Base Ply:	One or two BURmastic Composite Ply HT, BURmastic Composite Ply Premium	THERMastic 80	Wet lay (substrate)	25 lbs/square
	Ply:	One or more THERMglass Type IV, THERMglass Premium VI			
SBS-SEBS	Base Ply or Ply:	One or two POWERply Endure 300 Smooth, POWERply Endure 320 Smooth, POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Heavy Duty Base, POWERply 2PM, POWERply Endure 200 Smooth			
SBS-TA	Base Ply:	One or two POWERply Standard Smooth HW	torch-applied	torch-applied	full-bond

- (b) For single-ply membranes in System Type D-1 steel deck applications, the roof membrane shall be run with its length perpendicular to the steel deck flutes.
- (c) For System Type C-2 (induction weld), care shall be taken to ensure that the plates do not line-up with membrane seams. This condition may preclude proper induction welding of the membrane to the plates.
- (d) For Base Ply applications BP-CA5 and BP-CA6, substrates of Structodek HD with Primed Red Coating, DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board and SECUROCK Gypsum-Fiber Roof Board may be primed with DETEC "TruGround Conductive Primer" prior to Base Ply installation.

3.1.5 Vapor barrier:



- (a) For System Types B-1, B-2, C-1, C-2, D-1 or Type D-2, an optional thermal barrier and/or Tremco AVC Membrane or Tremco AVC Max (self-adhering) may be installed atop the roof deck prior to installation of the insulation and roof cover. Refer to [FM Loss Prevention Data Sheet 1-29](#) for design and installation recommendations and limitations.
- (b) Vapor barrier options for use over **wood, steel, or structural concrete deck** followed by bonded insulation carry the following MDP limitations. The lesser of the MDP listings below vs. that of the selected assembly applies.

VAPOR BARRIER OPTIONS; WOOD DECK; FOLLOWED BY ADHESIVE-APPLIED INSULATION					
OPTION #	PRIMER	VAPOR BARRIER		ADHESIVE PER TABLE 1B	MDP (psf)
		TYPE	APPLICATION		
W-VB-1.	Tremco AVC Membrane Primer	Tremco AVC Max	Self-adhering	LRFIA, LRFIA (BG) or PSFA	-52.5
W-VB-2.	Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Self-adhering	LRFIA, LRFIA (BG) or PSFA	-75.0

VAPOR BARRIER OPTIONS; STEEL DECK; FOLLOWED BY ADHESIVE-APPLIED INSULATION					
OPTION #	PRIMER	VAPOR BARRIER		ADHESIVE PER TABLE 2A	MDP (psf)
		TYPE	APPLICATION		
S-VB-1.	Tremco AVC Membrane Primer	Tremco AVC Max	Self-adhering	LRFIA, LRFIA (BG) or PSFA	-90.0

VAPOR BARRIER OPTIONS; STRUCTURAL CONCRETE DECK; FOLLOWED BY ADHESIVE-APPLIED INSULATION					
OPTION #	PRIMER	VAPOR BARRIER		ADHESIVE PER TABLE 3A	MDP (psf)
		TYPE	APPLICATION		
C-VB-1.	Tremco AVC Membrane Primer	Tremco AVC Membrane	Self-adhering	LRFIA or LRFIA(BG)	-150.0
C-VB-2.	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Self-adhering	LRFIA or LRFIA(BG)	-150.0
C-VB-3.	TREMprime WB Primer	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	BURmastic Adhesive SF at 2 gal./sq.	LRFIA(BG)	-180.0
C-VB-4.	None	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	BURmastic Adhesive SF at 2 gal./sq.	LRFIA(BG)	-182.5
C-VB-5.	TREMprime WB Primer	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	BURmastic Adhesive SF at 2 gal./sq.	LRFIA	-202.5
C-VB-6.	ASTM D41	THERMglas IV, THERMglas Premium VI	hot asphalt	hot asphalt	-225.0
C-VB-7.	None	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	BURmastic Adhesive MC at 2 gal./sq.	LRFIA or LRFIA(BG)	-250.0
C-VB-8.	None	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	POWERply Endure BIO Adhesive TF at 2 gal./sq.	LRFIA or LRFIA(BG)	-262.5
C-VB-9.	None	POWERply Standard Smooth, POWERply Endure 100 Smooth, POWERply Endure 200 Smooth	POWERply Endure BIO Adhesive TF at 2 gal/sq.	LRFIA or LRFIA(BG)	-292.5
C-VB-10.	TREMprime WB Primer	POWERply Standard Smooth HW	Torch-applied	LRFIA or LRFIA(BG)	-345.0

4. LIMITATIONS OF USE:

4.1 General:

- 4.1.1 This is a building code evaluation. NEMO CERT, LLC is not, in any way, the Designer of Record for any project on which this NER, or previous versions thereof, is/was used for permitting or design guidance. NERs are not to be construed as representing any attributes not specifically listed, nor are NERs to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty by NEMO CERT, LLC, express or implied, as to any finding or other matter in this report, or as to any product covered by the report.
- 4.1.2 This NER pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.

(a) RESERVED



(b) Unless otherwise noted, reference to 'structural concrete' pertains to min. 2,500 psi structural concrete, and excludes 'structural lightweight concrete'.

4.1.3 All components in the roof assembly shall have quality assurance surveillance in accordance with F.A.C. Rule 61G20-3. For components listed herein that are produced by a manufacturer other than the report holder on Page 1 of this NER, refer to the Florida Product Approval or NOA of the component manufacturer.

4.2 Jurisdiction Specific:

Non-HVHZ

HVHZ

4.2.1 This NER does not include evaluation of fire classification. Refer to FBC 1505, UL TGFU.R6692 and the fire classification certificate for the roof cover manufacturer for requirements and limitations regarding roof assembly fire classification. Refer to FBC 2603 for requirements and limitations concerning the use of foam plastic insulation.

This NER does not include evaluation of fire classification. Refer to FBC HVHZ 1516, UL TGFU.R6692 and the fire classification certificate for the roof cover manufacturer for requirements and limitations regarding roof assembly fire classification. Refer to FBC 2603 for requirements and limitations concerning the use of foam plastic insulation.

4.2.2 This NER does not include evaluation of roof edge termination. Refer to FBC 1504.5 for requirements and limitations regarding edge securement for low-slope roofs.

This NER does not include evaluation of roof edge termination. Refer to RAS 111 for requirements and limitations regarding edge securement for low-slope roofs.

4.2.3 Refer to FBC 1511 for requirements and limitations regarding recover installations.

Refer to FBC HVHZ 1521 for requirements and limitations regarding recover installations.

(a) For mechanical attachment to existing roof decks, fasteners shall be tested for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing shall be in accordance with ANSI/SPRI FX-1 or TAS 105.

For mechanical attachment to existing roof decks, fasteners shall be tested for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing shall be in accordance with TAS 105.

(b) For adhered re-roof (tear off) installation, the existing substrate shall be examined for compatibility with the adhesive. If any surface conditions exist that bring system performance into question, field uplift testing in accordance with ANSI/SPRI IA-1, FM Loss Prevention Data Sheet 1-52 or TAS 124 shall be conducted on mock-ups of the proposed interface.

For adhered re-roof (tear off) installation, the existing substrate shall be examined for compatibility with the adhesive to be installed. If any surface conditions exist that bring system performance into question, field uplift testing in accordance with TAS 124 shall be conducted on mock-ups of the proposed interface.

(c) For adhered recover installation, the existing roof system shall meet project design pressure requirements on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing in accordance with FM Loss Prevention Data Sheet 1-52 or TAS 124.

For adhered recover installation, the existing roof system shall meet project design pressure requirements on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing in accordance with TAS 124.

4.2.4 Wind Load Resistance:

(a) Refer to Section 4.3 for a tabulated summary of assembly listings and maximum allowable design pressures.

(b) "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety per FBC 1504.9 has already been applied). Refer to FBC 1609 for determination of design wind loads.

"MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety per TAS 114 has already been applied). Refer to FBC HVHZ 1620 or RAS 128 for determination of design wind loads.



- (c) The MDP for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with **FBC Chapter 16**. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are [ANSI/SPRI WD1](#), [FM Loss Prevention Data Sheet 1-29](#), [RAS 117](#) and [RAS 137](#). Assemblies marked with an asterisk* carry the limitations set forth in **Section 2.2.10.1 of FM Loss Prevention Data Sheet 1-29** for Zone 2/3 enhancements.
- (d) For fully-adhered installations, the maximum design pressure for the selected assembly shall meet or exceed the critical design pressure. Rational analysis is not permitted.

The MDP for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with **FBC HVHZ 1620** or [RAS 128](#). Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Analysis shall be in accordance with [RAS 117](#) or [RAS 137](#).

For assemblies marked with an asterisk*, the maximum design pressure (MDP) limitation shall be applicable to all roof pressure zones. Rational analysis is not permitted.



4.3 System Listings and Allowable Design Pressures: See [Section 4.2.4](#)

TABLE	DECK	APPLICATION	TYPE	DESCRIPTION	PAGE
1A	Wood	New, Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover (not for use in HVHZ jurisdictions)	13
1B	Wood	New, Reroof (Tear-Off)	A-2	Bonded Vapor Barrier, Bonded Insulation(s), Bonded Roof Cover	25
1C	Wood	New, Reroof (Tear-Off), Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	27
1D	Wood	New, Reroof (Tear-Off)	B-2	Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation(s), Bonded Roof Cover	34
1E	Wood	New or Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation(s), Bonded Roof Cover	41
1F	Wood	New, Reroof (Tear-Off), Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	45
1G	Wood	New, Reroof (Tear-Off), Recover	C-2	Mechanically Attached Insulation, Induction Welded Roof Cover	55
1H	Wood	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover	57
1I	Wood	New, Reroof (Tear-Off), Recover	E-1	Non-Insulated, Mechanically Attached Roof Cover	58
2A	Steel	New, Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	59
2B	Steel	New, Reroof (Tear-Off)	A-3	Bonded Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation(s), Bonded Roof Cover	78
2C	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	86
2D	Steel	New, Reroof (Tear-Off)	B-2	Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation(s), Bonded Roof Cover	108
2E	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	156
2F	Steel or Structural concrete	New, Reroof (Tear-Off) or Recover	C-2	Mechanically Attached Insulation, Induction Welded Roof Cover	168
2G	Steel	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover	169
3A	Structural concrete	New, Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	171
3B	Structural concrete	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover	184
3C	Structural concrete	New, Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	185
4A	Deck with Lightweight Concrete	New, Reroof (Tear-Off)	A-1	LWC to Deck, Bonded Insulation(s), Bonded Roof Cover	186
4B	Deck with Lightweight Concrete	New or Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation(s), Bonded Roof Cover	192
5A	Cementitious Wood Fiber	New, Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	195
5B	Cementitious Wood Fiber	New or Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation(s), Bonded Roof Cover	200
5C	Cementitious Wood Fiber	Reroof (Tear-Off), Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	201
6A	Gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	203
6B	Gypsum	New or Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation(s), Bonded Roof Cover	207
6C	Gypsum	Reroof (Tear-Off)	C-1	Mechanically Attached Insulation, Bonded Roof Cover	209
7A	Various	Recover	A-1	Bonded Insulation(s), Bonded Roof Cover	211
7B	Steel	Recover	C-2	Mechanically Attached Insulation, Induction Welded Roof Cover	219
7C	Steel	Recover	D-1	Insulated, Mechanically Attached Roof Cover	220



TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
TPA IN TPA BONDING ADHESIVE OR TPA IN TPA LV SINGLE PLY BONDING ADHESIVE:									
W-1.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-60.0
W-2.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5
W-3.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-75.0
W-4.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-97.5
W-5.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	None	None	BB1-TPABA or BB2-TPALV	-112.5
W-6.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-60.0
W-7.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5
W-8.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-75.0



TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-9.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-97.5
W-10.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	N/A	None	None	BB1-TPABA or BB2-TPALV	-112.5
TPA FB IN HOT ASPHALT OR THERMASTIC 80:									
W-11.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
W-12.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
W-13.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-75.0
W-14.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch DensDeck Prime, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5
W-15.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5



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SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

NOT FOR USE IN HVHZ JURISDICTIONS

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-16.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
W-17.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
W-18.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-75.0
W-19.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	N/A	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5
W-20.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5
TPA FB IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:									
W-21.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-60.0
W-22.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-67.5
W-23.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-75.0



TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)

SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

NOT FOR USE IN HVHZ JURISDICTIONS

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-24.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-97.5
W-25.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB3-TPABA or FB4-FBWB	-112.5
W-26.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime	Additional Layer(s): PSFA, 12-inch o.c. Coverboard: PSFA, 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-60.0
W-27.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-67.5
W-28.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-75.0
W-29.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-97.5
W-30.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	N/A	None	None	FB3-TPABA or FB4-FBWB	-112.5
TPA FB IN TREMCO LR ADHESIVE OR TREMCO PSF ADHESIVE:									
W-31.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	Additional Layer(s): LRFIA or LRFIA(BG), 12-inch o.c. Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0



TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-32.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
W-33.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-75.0
W-34.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-97.5
W-35.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-112.5
W-36.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime	Additional Layer(s): PSFA, 12-inch o.c. Coverboard: PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0
W-37.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
W-38.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-75.0



TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-39.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-97.5
W-40.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	N/A	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-112.5
W-41.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
W-42.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Additional Layer(s): LRFIA or LRFIA(BG), 12-inch o.c. Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
W-43.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
W-44.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
W-45.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5



TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-46.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-112.5
W-47.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
W-48.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
W-49.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 1-inch MONOBOARD Plus or Min. 2-inch TOPROCK DD Plus (no extrapolation permitted for ribbon attachment)	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0*
W-50.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
W-51.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
W-52.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5



TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-53.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
W-54.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
W-55.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating or DensDeck Prime	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
W-56.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
W-57.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
W-58.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
W-59.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-112.5
W-60.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5



TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-61.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating or DensDeck Prime	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
W-62.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
W-63.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
W-64.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	N/A	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
W-65.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:									
W-66.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-60.0
W-67.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-67.5



TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-68.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-75.0
W-69.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-97.5
W-70.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB6-PEBATF	-112.5
W-71.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
W-72.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
W-73.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
W-74.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-75.0



TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-75.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-97.5
W-76.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5
W-77.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime	Additional Layer(s): PSFA, 12-inch o.c. Coverboard: PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-60.0
W-78.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-67.5
W-79.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-75.0
W-80.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-97.5
W-81.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	N/A	None	None	FB6-PEBATF	-112.5
W-82.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5



TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-83.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating or DensDeck Prime	Additional Layer(s): PSFA, 12-inch o.c. Coverboard: PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
W-84.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	(Optional) Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
W-85.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-75.0
W-86.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-97.5
W-87.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5



TABLE 1B: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS

System No.	Deck (4.1.2)	Vapor Barrier (3.1.5)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
TPA FB IN TPA BONDING ADHESIVE, FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE, POWERPLY ENDURE BIO ADHESIVE TF OR TREMCO PSF ADHESIVE:										
W-88.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Tremco AVC Membrane Primer followed by Tremco AVC Max	Min. 0.25-inch DensDeck Prime	LRFIA(BG) or PSFA, 12-inch o.c.	None	N/A	None	None	FB3-TPABA, FB4-FBWB, FB6-PEBATF, FB7-PSFA (spatter)	-52.5
W-89.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Tremco AVC Membrane Primer followed by Tremco AVC Max	Min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB3-TPABA, FB4-FBWB, FB6-PEBATF, FB7-PSFA (spatter)	-52.5
W-90.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Tremco AVC Membrane Primer (WB) followed by Tremco AVC Max	Min. 1.5-inch Trisotech, Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation	LRFIA or PSFA, 6-inch o.c.	Min. 0.5-inch DensDeck Prime	LRFIA (BG) or PSF, 6-inch o.c.	None	None	FB3-TPABA, FB4-FBWB, FB6-PEBATF, FB7-PSFA (spatter)	-75.0
W-91.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Tremco AVC Membrane Primer (WB) followed by Tremco AVC Max	Min. 1.5-inch Trisotech, Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation	LRFIA or PSFA, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA (BG), 6-inch o.c.	None	None	FB3-TPABA, FB4-FBWB, FB6-PEBATF, FB7-PSFA (spatter)	-75.0
TPA IN TPA BONDING ADHESIVE OR TPA LV SINGLE PLY BONDING ADHESIVE:										
W-92.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Tremco AVC Membrane Primer followed by Tremco AVC Max	Min. 0.25-inch DensDeck Prime	LRFIA(BG) or PSFA, 12-inch o.c.	None	N/A	None	None	BB1-TPABA, BB2-TPALV	-52.5
W-93.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Tremco AVC Membrane Primer followed by Tremco AVC Max	Min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	None	None	BB1-TPABA, BB2-TPALV	-52.5



TABLE 1B: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-2: BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER
NOT FOR USE IN HVHZ JURISDICTIONS

System No.	Deck (4.1.2)	Vapor Barrier (3.1.5)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-94.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Tremco AVC Membrane Primer (WB) followed by Tremco AVC Max	Min. 1.5-inch Trisotech, Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation	LRFIA or PSFA, 6-inch o.c.	Min. 0.5-inch DensDeck Prime	LRFIA (BG) or PSF, 6-inch o.c.	None	None	BB1-TPABA, BB2-TPALV	-75.0
W-95.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Tremco AVC Membrane Primer (WB) followed by Tremco AVC Max	Min. 1.5-inch Trisotech, Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation	LRFIA or PSFA, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA (BG), 6-inch o.c.	None	None	BB1-TPABA, BB2-TPALV	-75.0

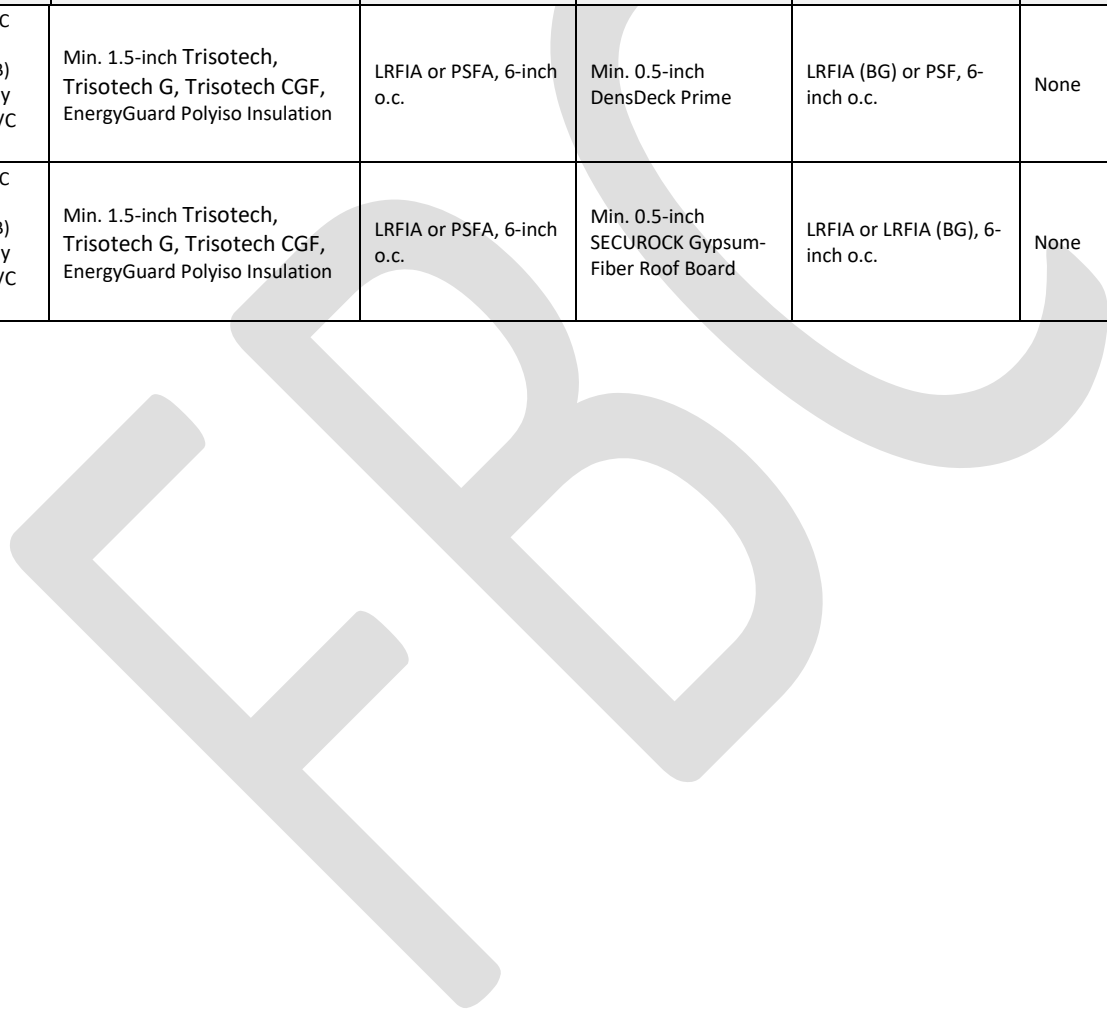




TABLE 1c: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (4.1.2)	Base Insulation			Top Insulation Layer (s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
TPA IN TPA BONDING ADHESIVE OR TPA LV SINGLE PLY BONDING ADHESIVE:										
W-92.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, H-Shield, Multi-Max FA3	Section 3.1.1	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> Min. 1.5-inch Trisotech, Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board	LRFIA, LRFIA (BG), PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-45.0
W-93.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-60.0
W-94.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-82.5
W-95.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-60.0
W-96.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-82.5
TPA FB IN HOT ASPHALT OR THERMASTIC 80:										
W-97.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5



TABLE 1c: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (4.1.2)	Base Insulation			Top Insulation Layer (s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-98.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
W-99.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-82.5
W-100.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
W-101.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
W-102.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-82.5
TPA FB IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:										
W-103.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, H-Shield, Multi-Max FA3	Section 3.1.1	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> Min. 1.5-inch Trisotech, Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board, or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, LRFIA (BG), PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-45.0



TABLE 1c: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (4.1.2)	Base Insulation			Top Insulation Layer (s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-104.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-60.0
W-105.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-82.5
W-106.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-60.0
W-107.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-82.5
TPA FB IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):										
W-108.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0
W-109.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-82.5



TABLE 1c: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (4.1.2)	Base Insulation			Top Insulation Layer (s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-110.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, H-Shield, Multi-Max FA3	Section 3.1.1	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> Min. 1.5-inch Trisotech, Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board, or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, LRFIA (BG), PSFA, 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0
W-111.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
W-112.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
W-113.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
W-114.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
W-115.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0



TABLE 1c: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (4.1.2)	Base Insulation			Top Insulation Layer (s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-116.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
W-117.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0
W-118.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-82.5
W-119.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
W-120.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
W-121.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
W-122.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5



TABLE 1c: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (4.1.2)	Base Insulation			Top Insulation Layer (s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-123.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
W-124.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:										
W-125.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
W-126.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	(Optional) BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
W-127.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, Multi-Max FA3	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	(Optional) BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5
W-128.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5



TABLE 1c: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

System No.	Deck (4.1.2)	Base Insulation			Top Insulation Layer (s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-129.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	(Optional) BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
W-130.	Plywood, 19/32-inch, span rating 32/16, Grade CDX, APA rated	2-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	(Optional) BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5





TABLE 1D: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Vapor Barrier (3.1.4, 3.1.5)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)	
		Type	Fastener (3.1.1, 4.2.3)	Attach		Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
TPA IN TPA BONDING ADHESIVE OR TPA LV SINGLE PLY BONDING ADHESIVE:												
W-131.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-45.0*
W-132.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-45.0*
W-133.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board		LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-90.0
W-134.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board		PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-45.0*
W-135.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board		PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-45.0*
W-136.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board		PSFA, 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-90.0
TPA FB IN HOT ASPHALT OR THERMASTIC 80:												
W-137.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*



TABLE 1D: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Vapor Barrier (3.1.4, 3.1.5)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach		Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-138.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
W-139.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-90.0
W-140.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
W-141.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
W-142.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-90.0
TPA FB IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:											
W-143.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-45.0*



TABLE 1D: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Vapor Barrier (3.1.4, 3.1.5)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)	
		Type	Fastener (3.1.1, 4.2.3)	Attach		Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
W-144.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-45.0*
W-145.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-90.0
W-146.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-45.0*
W-147.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-45.0*
W-148.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-90.0
TPA FB IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):												
W-149.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*



TABLE 1D: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

Table with 12 columns: System No., Deck, Thermal Barrier (Type, Fastener, Attach), Vapor Barrier, Insulation Layer(s) (Type, Attach), Roof Cover (Base Ply, Ply, Cap Ply), and MDP (psf). Rows W-150 through W-155 detail various construction specifications.



TABLE 1D: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Vapor Barrier (3.1.4, 3.1.5)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach		Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-156.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*
W-157.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-90.0
W-158.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
W-159.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
W-160.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:											
W-161.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*



TABLE 1D: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Vapor Barrier (3.1.4, 3.1.5)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach		Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-162.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
W-163.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-90.0
W-164.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
W-165.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
W-166.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0
W-167.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	(Optional) BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*



**TABLE 1D: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Thermal Barrier			Vapor Barrier (3.1.4, 3.1.5)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)	
		Type	Fastener (3.1.1, 4.2.3)	Attach		Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
W-168.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB) followed by Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	(Optional) BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
W-169.	Plywood, 15/32-inch, span rating 32/16, Grade CDX, APA rated	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 6-inch o.c.	(Optional) BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0



**TABLE 1E: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Anchor Sheet			Vapor Barrier (3.1.4)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fasten (4.2.3)	Attach		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
TPA IN TPA BONDING ADHESIVE:													
W-170.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 15/32" (0.451 in.), Exposure 1	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Simplex MAXX Cap Fastener	12-inch o.c. at 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS, BP-CA5, SBS-CA5, BP-CA6, SBS-CA6 or SBS-TA	(Optional) Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PFSA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PFSA, 12-inch o.c.	None	None	BB1-TPABA	-45.0*
W-171.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA6	Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	None	None	BB1-TPABA	-97.5
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>												
W-172.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA5, SBS-SEBS or SBS-TA	Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	None	None	BB1-TPABA	-127.5
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>												
TPA FB IN HOT ASPHALT OR THERMASTIC:													
W-173.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 15/32" (0.451 in.), Exposure 1	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Simplex MAXX Cap Fastener	12-inch o.c. at 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, BP-SEBS, SBS-SEBS, BP-CA6, SBS-CA6 or SBS-TA	(Optional) Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PFSA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PFSA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
W-174.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-SEBS or SBS-TA	Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-112.5
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>												
TPA FB IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):													



TABLE 1E: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION(S), BONDED ROOF COVER

Table with columns: System No., Deck (4.1.2), Anchor Sheet (Type, Fasten (4.2.3), Attach), Vapor Barrier (3.1.4), Base Insulation (Type, Attach (3.1.3)), Top Insulation (Type, Attach (3.1.3)), Roof Cover (3.1.4) (Base Ply, Ply, Cap Ply), and MDP (psf). Rows include W-175, W-176, W-177, W-178, W-179, and W-180.



TABLE 1E: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Anchor Sheet			Vapor Barrier (3.1.4)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fasten (4.2.3)	Attach		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-181.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA6	Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
	<p>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</p>												
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:													
W-182.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 15/32" (0.451 in.), Exposure 1	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Simplex MAXX Cap Fastener	12-inch o.c. at 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-CA5, SBS-CA5 or SBS-TA	(Optional) Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	None	None	BB2-TPALV, FB3-TPABA, or FB6-PEBATF SECUROCK ONLY: FB4-FBWB	-45.0*
	<p>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</p>												
W-183.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA5, SBS-SEBS or SBS-TA	Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	None	None	BB2-TPALV, FB3-TPABA, FB4-FBWB, or FB6-PEBATF	-127.5
	<p>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</p>												
W-184.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 15/32" (0.451 in.), Exposure 1	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Simplex MAXX Cap Fastener	12-inch o.c. at 2-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-CA5, SBS-CA5 or SBS-TA	(Optional) Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	BB2-TPALV, FB3-TPABA, or FB6-PEBATF SECUROCK ONLY: FB4-FBWB	-45.0*
	<p>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</p>												



**TABLE 1E: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Anchor Sheet			Vapor Barrier (3.1.4)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fasten (4.2.3)	Attach		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
W-185.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3), equally spaced, staggered center rows	SBS-CA5, SBS-SEBS or SBS-TA	Min. 1-inch Trisotech G or Trisotech CGF	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	BB2-TPALV, FB3-TPABA, or FB6-PEBATF SECUROCK ONLY: FB4-FBWB	-112.5
	<i>Note:</i>	<i>*Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 85 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>											



**TABLE 1F: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
TPA IN TPA BONDING ADHESIVE:									
W-186.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	None	BB1-TPABA	-30.0* (NO HVHZ)
W-187.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.7 ft ²	None	None	BB1-TPABA	-37.5* (NO HVHZ)
W-188.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	None	BB1-TPABA	-45.0*
W-189.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.3 ft ²	None	None	BB1-TPABA	-45.0*
W-190.	Min. 19/32-inch plywood or wood plank	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #1211 Fastener or #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 1.8 ft ²	None	None	BB1-TPABA	-45.0*
W-191.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	Section 3.1.1	1 per 2.0 ft ²	None	None	BB1-TPABA	-45.0*
W-192.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Section 3.1.1	1 per 4.0 ft ²	None	None	BB1-TPABA	-45.0*
W-193.	Plywood, APA, 19/32", rating 40/20 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	Section 3.1.1	1 per 2.0 ft ²	None	None	BB1-TPABA	-45.0



**TABLE 1F: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
W-194.	Plywood, APA, 19/32", rating 40/20 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 or Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener, Tremco #1410 Fastener or Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate	1 per 2.0 ft ²	None	None	BB1-TPABA	-45.0
W-195.	Plywood, APA, 15/32", rating 32/16 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.8 ft ²	None	None	BB1-TPABA	-67.5
TPA IN TPA LV SINGLE PLY BONDING ADHESIVE:									
W-196.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	None	BB2-TPALV	-30.0* (NO HVHZ)
W-197.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.7 ft ²	None	None	BB2-TPALV	-37.5* (NO HVHZ)
W-198.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	None	BB2-TPALV	-45.0*
W-199.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.3 ft ²	None	None	BB2-TPALV	-45.0*
W-200.	Min. 19/32-inch plywood or wood plank	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #1211 Fastener or #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 1.8 ft ²	None	None	BB2-TPALV	-45.0*
W-201.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G	Section 3.1.1	1 per 2.0 ft ²	None	None	BB2-TPALV	-45.0*



**TABLE 1F: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
W-202.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech G or Trisotech	Section 3.1.1	1 per 4.0 ft ²	None	None	BB2-TPALV	-45.0*
W-203.	Plywood, APA, 19/32", rating 40/20 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	Section 3.1.1	1 per 2.0 ft ²	None	None	BB2-TPALV	-45.0
W-204.	Plywood, APA, 19/32", rating 40/20 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 or Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener, Tremco #1410 Fastener or Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate	1 per 2.0 ft ²	None	None	BB2-TPALV	-45.0
W-205.	Plywood, APA, 15/32", rating 32/16 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.8 ft ²	None	None	BB2-TPALV	-67.5
TPA FB IN HOT ASPHALT OR THERMASTIC 80:									
W-206.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft ² (8 per 4x8 ft board)	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-30.0* (NO HVHZ)
	Note:		*Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 240 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.						
W-207.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. ¼-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft ² (8 per 4x8 ft board)	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-37.5* (NO HVHZ)
	Note:		*Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 300 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.						



**TABLE 1F: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
W-208.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.9 ft ² (11 per 4x8 ft board)	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-37.5* (NO HVHZ)
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 218 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								
W-209.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.13 ft ² (15 per 4x8 ft board)	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 192 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								
W-210.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Section 3.1.1	1 per 2.0 ft ²	None	None	FB1-HA	-45.0*
TPA FB IN TPA BONDING ADHESIVE:									
W-211.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	None	FB3-TPABA	-30.0* (NO HVHZ)
W-212.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.7 ft ²	None	None	FB3-TPABA	-37.5* (NO HVHZ)
W-213.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	None	FB3-TPABA	-45.0*
W-214.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.3 ft ²	None	None	FB3-TPABA	-45.0*



**TABLE 1F: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
W-215.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	None	FB3-TPABA	-45.0*
W-216.	Plywood, APA, 19/32", rating 40/20 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	Section 3.1.1	1 per 2.0 ft ²	None	None	FB3-TPABA	-45.0
W-217.	Plywood, APA, 19/32", rating 40/20 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 or Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener, Tremco #1410 Fastener or Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate	1 per 2.0 ft ²	None	None	FB3-TPABA	-45.0
W-218.	Plywood, APA, 15/32", rating 32/16 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.8 ft ²	None	None	FB3-TPABA	-67.5
TPA FB IN FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:									
W-219.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	None	FB4-FBWB	-30.0* (NO HVHZ)
W-220.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.7 ft ²	None	None	FB4-FBWB	-37.5* (NO HVHZ)
W-221.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Section 3.1.1	1 per 2.0 ft ²	None	None	FB4-FBWB	-37.5* (NO HVHZ)
W-222.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	None	FB4-FBWB	-45.0*



**TABLE 1F: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
W-223.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.625-inch ACfoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.3 ft ²	None	None	FB4-FBWB	-45.0*
W-224.	Min. 19/32-inch plywood or wood plank	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #1211 Fastener or #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 1.8 ft ²	None	None	FB4-FBWB	-45.0*
W-225.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	Section 3.1.1	1 per 2.0 ft ²	None	None	FB4-FBWB	-45.0*
W-226.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL	Section 3.1.1	1 per 4.0 ft ²	None	None	FB4-FBWB	-45.0*
W-227.	Plywood, APA, 19/32", rating 40/20 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	Section 3.1.1	1 per 2.0 ft ²	None	None	FB4-FBWB	-45.0
W-228.	Plywood, APA, 19/32", rating 40/20 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 or Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener, Tremco #1410 Fastener or Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate	1 per 2.0 ft ²	None	None	FB4-FBWB	-45.0
W-229.	Plywood, APA, 15/32", rating 32/16 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.8 ft ²	None	None	FB4-FBWB	-67.5
TPA FB IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):									
W-230.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.625-inch ACfoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-30.0* (NO HVHZ)



**TABLE 1F: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
W-231.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.7 ft ²	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5* (NO HVHZ)
W-232.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
W-233.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #12 DP or #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.3 ft ²	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
W-234.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft ² (8 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-30.0* (NO HVHZ)
W-235.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. ¼-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft ² (8 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5* (NO HVHZ)
W-236.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.9 ft ² (11 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5* (NO HVHZ)



**TABLE 1F: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
W-237.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.13 ft ² (15 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 192 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								
W-238.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft ² (8 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-30.0* (NO HVHZ)
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 240 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								
W-239.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. ¼-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft ² (8 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5* (NO HVHZ)
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 300 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								
W-240.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.9 ft ² (11 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5* (NO HVHZ)
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 218 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								
W-241.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.13 ft ² (15 per 4x8 ft board)	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 192 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								



**TABLE 1F: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
W-242.	Plywood, APA, 19/32", rating 40/20 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	Section 3.1.1	1 per 2.0 ft ²	None	None	FB7-PSFA, spatter	-45.0
W-243.	Plywood, APA, 19/32", rating 40/20 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 or Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener, Tremco #1410 Fastener or Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate	1 per 2.0 ft ²	None	None	FB7-PSFA, spatter	-45.0
W-244.	Plywood, APA, 15/32", rating 32/16 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.8 ft ²	None	None	FB7-PSFA, spatter	-67.5
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:									
W-245.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft ² (8 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-30.0* (NO HVHZ)
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 240 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								
W-246.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. ¼-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 4 screws per plate installed in square pattern*	1 per 4.0 ft ² (8 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-37.5* (NO HVHZ)
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 300 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								
W-247.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.9 ft ² (11 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-37.5* (NO HVHZ)
	<i>Note: *Versa Fastener screws shall be of sufficient length for min. 1-inch penetration through the sheathing. For existing decks, field withdrawal resistance testing (4.2.3) shall yield minimum 218 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.</i>								



**TABLE 1F: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
W-248.	Plywood, APA, 15/32", rating 32/16, Grade CDX or OSB (NO-HVHZ), APA, 7/16" (0.418 in.), Exposure 1	(Optional) One or more layers, any combination, min. 1-inch total thickness, loose laid	Min. 1/8-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast Versa Fastener & Plate; 2 screws per plate installed 180° into the holes of the plate*	1 per 2.13 ft ² (15 per 4x8 ft board)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
W-249.	Plywood, APA, 19/32", rating 40/20 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	Section 3.1.1	1 per 2.0 ft ²	None	None	FB6-PEBATF	-45.0
W-250.	Plywood, APA, 19/32", rating 40/20 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#14-PH3 or Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener, Tremco #1410 Fastener or Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate	1 per 2.0 ft ²	None	None	FB6-PEBATF	-45.0
W-251.	Plywood, APA, 15/32", rating 32/16 Grade CDX or nominal 1-inch wood plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.8 ft ²	None	None	FB6-PEBATF	-67.5



**TABLE 1G: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER**

System No.	Deck (4.1.2)	Slip Sheet (Optional)	Thermal Barrier and/or Insulation Layer (3.1.2, 4.2.3)	Attachment		Roof Cover (3.1.4)	MDP (psf)
				Fastener (4.2.3)	Density / Pattern		
SFS ISOWELD®:							
W-252.	Plywood, APA, 15/32", rating 32/16, Grade CDX	One or more, BURmastic Glass Ply, loose laid	One or more layers, any combination	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate		Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-37.5 (NO HVHZ)
W-253.	Plywood, APA, 15/32", rating 32/16, Grade CDX	One or more, BURmastic Glass Ply, loose laid	One or more layers, any combination	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate		Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-45.0*
W-254.	Code minimum plywood or OSB (NO HVHZ).	One or more, BURmastic Glass Ply, loose laid	One or more layers, any combination	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate installed through to engage wood structural members, minimum 1-inch embedment. (Field W/D ≥ 585 lbf)	Fastener spaced max. 18-inch o.c. in staggered rows spaced max. 24-inch o.c. along wood structural members	Min. 80-mil Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-97.5
OMG RHINOBOND:							
W-255.	Plywood, APA, 15/32", rating 32/16, Grade CDX	One or more, BURmastic Glass Ply, loose laid	One or more layers, any combination	Tremco #1510 XHD Fastener with OMG RhinoBond Insulation Plate (PVC)		Min. 80-mil Tremco TPA induction-welded with OMG RhinoBond tool.	-37.5 (NO HVHZ)
W-256.	Plywood, APA, 15/32", rating 32/16, Grade CDX	One or more, BURmastic Glass Ply, loose laid	One or more layers, any combination	Tremco #1510 XHD Fastener with OMG RhinoBond Insulation Plate (PVC)		Min. 80-mil Tremco TPA induction-welded with OMG RhinoBond tool.	-45.0*
TRUFAST PVC IW PLATES:							



**TABLE 1G: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER**

System No.	Deck (4.1.2)	Slip Sheet (Optional)	Thermal Barrier and/or Insulation Layer (3.1.2, 4.2.3)	Attachment		Roof Cover (3.1.4)	MDP (psf)
				Fastener (4.2.3)	Density / Pattern		
W-257.	Plywood, APA, 15/32", rating 32/16, Grade CDX	One or more, BURmastic Glass Ply, loose laid	One or more layers, any combination	Tremco #15 EHD Fastener with Trufast PVC IW Plate	<p>1 per 2.7 ft²</p>	Min. 80-mil Tremco TPA induction-welded with Trufast Induction Welding Tool.	-37.5 (NO HVHZ)
W-258.	Plywood, APA, 15/32", rating 32/16, Grade CDX	One or more, BURmastic Glass Ply, loose laid	One or more layers, any combination	Tremco #15 EHD Fastener with Trufast PVC IW Plate	<p>1 per 4.0 ft² / 2 x 2 ft grid</p>	Min. 80-mil Tremco TPA induction-welded with Trufast Induction Welding Tool.	-45.0*



TABLE 1H: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER

System No.	Deck (4.1.2)	Insulation Layer (3.1.2, 4.2.3)		Roof Cover						MDP (psf)
		Type	Attach (3.1.2)	Membrane	Fastener (4.2.3)	Fastener Spacing (inch o.c.)	Lap Width (inch)	Row Spacing (inch o.c.)	Seam Weld (inch)	
W-259.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Metal Seam Plate or Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate or OMG 2-3/8 in Eyehook Seam Plate	18	5	73	1.5	-30.0 (NO HVHZ)
W-260.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #1211 Fastener or Tremco #1410 Fastener with OMG 2" Barbed Plastic Seam Plate	6	6	72	2	-45.0
W-261.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Metal Seam Plate or Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate or OMG 2-3/8 in Eyehook Seam Plate	12	5	73	1.5	-45.0
W-262.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #1211 Fastener or Tremco #1410 Fastener with OMG 2" Barbed Plastic Seam Plate applied <u>through the roof cover</u> . A 6-inch wide strip of membrane is then heat-welded over the fastener rows.	6	2	96	2	-45.0



**TABLE 1: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE E-1: NON-INSULATED, MECHANICALLY ATTACHED ROOF COVER**

System No.	Deck (4.1.2)	Thermal Barrier (3.1.2, 4.2.3)		Roof Cover						MDP (psf)
		Type	Attach (3.1.2)	Membrane	Fastener (4.2.3)	Fastener Spacing (inch o.c.)	Lap Width (inch)	Row Spacing (inch o.c.)	Seam Weld (inch)	
W-263.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	Min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Metal Seam Plate	18	5	73	1.5	-22.5 (NO HVHZ)
W-264.	Plywood, APA, 19/32", rating 32/16, Grade CDX or nominal 1-inch wood plank	Min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Metal Seam Plate	9	6	72	1.5	-37.5 (NO HVHZ)
W-265.	Plywood, APA, 19/32", rating 32/16, Grade CDX or nominal 1-inch wood plank	Min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Metal Seam Plate	6	6	72	1.5	-45.0
W-266.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	Min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #1211 Fastener or Tremco #1410 Fastener with OMG 2" Barbed Plastic Seam Plate	6	6	72	2	-45.0
W-267.	Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank Plywood, APA, 23/32", rating 48/24, Grade CDX or nominal 1-inch wood plank	Min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #1211 Fastener or Tremco #1410 Fastener with OMG 2" Barbed Plastic Seam Plate applied through the roof cover. A 6-inch wide strip of membrane is then heat-welded over the fastener rows.	6	2	96	2	-45.0



TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
TPA IN TPA BONDING ADHESIVE OR TPA LV SINGLE PLY BONDING ADHESIVE:											
S-1.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-60.0
S-2.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-60.0
S-3.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-75.0
S-4.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	<u>None</u>	N/A	None	None	BB1-TPABA or BB2-TPALV	-82.5*
S-5.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-90.0*
S-6.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-97.5
S-7.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-97.5
S-8.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	None	None	BB1-TPABA or BB2-TPALV	-112.5



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-9.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-60.0
S-10.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-75.0
S-11.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck Prime	PSFA, 6-inch o.c. (every deck flange)	<u>None</u>	N/A	None	None	BB1-TPABA or BB2-TPALV	-82.5*
S-12.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-90.0*
S-13.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-97.5
S-14.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	None	None	BB1-TPABA or BB2-TPALV	-112.5
TPA FB IN HOT ASPHALT OR THERMASTIC 80:											
S-15.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-16.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
S-17.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
S-18.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-75.0
S-19.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5
S-20.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-90.0*
S-21.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5
S-22.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch DensDeck Prime, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-23.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-24.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
S-25.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-75.0
S-26.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-90.0*
S-27.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5
S-28.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-97.5
TPA FB IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:											
S-29.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-60.0



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-30.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-60.0
S-31.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-75.0
S-32.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	None	N/A	None	None	FB3-TPABA or FB4-FBWB	-82.5*
S-33.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-90.0*
S-34.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-97.5
S-35.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-97.5
S-36.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB3-TPABA or FB4-FBWB	-112.5



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-37.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-60.0
S-38.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-75.0
S-39.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck Prime	PSFA, 6-inch o.c. (every deck flange)	None	N/A	None	None	FB3-TPABA or FB4-FBWB	-82.5*
S-40.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-90.0*
S-41.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-97.5
S-42.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime, min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB3-TPABA or FB4-FBWB	-112.5
TPA FB IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):											
S-43.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-44.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0
S-45.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-75.0
S-46.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	<u>None</u>	N/A	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-82.5*
S-47.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-90.0*
S-48.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-97.5
S-49.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-97.5



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-50.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-112.5
S-51.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-135.0
S-52.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-53.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-54.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-55.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-56.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0*
S-57.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-58.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-59.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch DensDeck Prime, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-60.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-61.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating or DEXcell FA Glass Mat Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-62.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 1-inch MONOBOARD Plus or Min. 2-inch TOPROCK DD Plus (no extrapolation permitted for ribbon attachment)	Additional Layer(s): LRFIA or LRFIA(BG), 12-inch o.c. Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0*
S-63.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-64.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-65.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
S-66.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0*
S-67.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime, Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-68.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-69.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-70.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0
S-71.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-75.0
S-72.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck Prime	PSFA, 6-inch o.c. (every deck flange)	None	N/A	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-82.5*
S-73.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-90.0*



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-74.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-97.5
S-75.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-112.5
S-76.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-135.0
S-77.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-78.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-79.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-80.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0*
S-81.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-82.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-83.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-84.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating or DEXcell FA Glass Mat Roof Board	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-85.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-86.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
S-87.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0*
S-88.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime or Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-89.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:											
S-90.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB6-PEBATF	-60.0
S-91.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-60.0



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-92.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-75.0
S-93.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	None	N/A	None	None	FB6-PEBATF	-82.5*
S-94.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.25-inch DEXcell FA Glass Mat Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-82.5
S-95.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-90.0*
S-96.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime	LRFIA, 6-inch o.c.	None	None	FB6-PEBATF	-97.5
S-97.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	None	None	FB6-PEBATF	-97.5
S-98.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime	LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-97.5
S-99.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-97.5



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-100.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB6-PEBATF	-112.5
S-101.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB6-PEBATF	-127.5
S-102.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-103.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch Structodek HD with Primed Red Coating	<u>Additional Layer(s):</u> LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard:</u> LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
S-104.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
S-105.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch base insulation <u>Coverboard:</u> Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
S-106.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3 or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-75.0
S-107.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	<u>None</u>	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5*



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-108.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.25-inch DensDeck or DEXcell FA Glass Mat Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5
S-109.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0*
S-110.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	LRFIA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-97.5
S-111.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-97.5
S-112.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-97.5
S-113.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech or H-Shield, ISO 95+ GL, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c. (every other deck flange)	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-97.5
S-114.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5
S-115.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-157.5



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-116.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-60.0
S-117.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-75.0
S-118.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board	PSFA, 6-inch o.c. (every deck flange)	None	N/A	None	None	FB6-PEBATF	-82.5*
S-119.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.25-inch DEXcell FA Glass Mat Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-82.5
S-120.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-90.0*
S-121.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-97.5
S-122.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB6-PEBATF	-112.5
S-123.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	None	None	FB6-PEBATF	-127.5
S-124.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5



**TABLE 2A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Vapor Barrier	Base Insulation (3.1.2)		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
				Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-125.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating	Additional Layer(s): PSFA, 12-inch o.c. Coverboard: PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
S-126.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
S-127.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-75.0
S-128.	Min. 22 ga., type B, Grade 80 steel	None	None	Min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board	PSFA, 6-inch o.c. (every deck flange)	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5*
S-129.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.25-inch DensDeck or DEXcell FA Glass Mat Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5
S-130.	Min. 22 ga., type B, Grade 40 steel	(Optional) Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board and/or min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 6-inch o.c. (every deck flange)	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0*
S-131.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 2-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c. (every other deck flange)	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-97.5
S-132.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.5-inch DensDeck Prime	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5
S-133.	Min. 22 ga., type B, Grade 40 steel	None	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-157.5



TABLE 2B: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)

SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier		Primer	Vapor Barrier (3.1.4, 3.1.5)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)	
		Type	Attach (3.1.3)			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
TPA IN TPA BONDING ADHESIVE:												
S-134.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board		LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-52.5
S-135.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5
S-136.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5
S-137.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board		PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-52.5
S-138.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board		PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5
S-139.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board		PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5
TPA FB IN HOT ASPHALT OR THERMASTIC 80:												
S-140.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC		LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5



TABLE 2B: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)

SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier		Primer	Vapor Barrier (3.1.4, 3.1.5)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)	
		Type	Attach (3.1.3)			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-141.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC		LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-142.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-143.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
S-144.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
S-145.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC		PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-146.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC		PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-147.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5



TABLE 2B: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)

SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier		Primer	Vapor Barrier (3.1.4, 3.1.5)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)	
		Type	Attach (3.1.3)			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-148.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
S-149.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
TPA FB IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:												
S-150.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G or Trisotech CGF Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-52.5
S-151.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-67.5
S-152.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-67.5
S-153.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G or Trisotech CGF Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-52.5
S-154.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-67.5
S-155.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-67.5



TABLE 2B: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)

SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier		Primer	Vapor Barrier (3.1.4, 3.1.5)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)	
		Type	Attach (3.1.3)			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
TPA FB IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):												
S-156.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G or Trisotech CGF Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-52.5
S-157.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
S-158.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
S-159.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G or Trisotech CGF Coverboard: Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-52.5
S-160.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
S-161.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
S-162.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC		LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5



TABLE 2B: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)

SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier		Primer	Vapor Barrier (3.1.4, 3.1.5)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)	
		Type	Attach (3.1.3)			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-163.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC		LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-164.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G or Trisotech CGF Coverboard: Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-165.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-166.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-167.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC		LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-168.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC		LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-169.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G or Trisotech CGF Coverboard: Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5



TABLE 2B: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier		Primer	Vapor Barrier (3.1.4, 3.1.5)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-170.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-171.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-172.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-173.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-174.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-175.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-176.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-177.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5



TABLE 2B: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)

SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier		Primer	Vapor Barrier (3.1.4, 3.1.5)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)	
		Type	Attach (3.1.3)			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-178.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.125-inch TremBoard AC		PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-179.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G or Trisotech CGF Coverboard: Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-180.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-181.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:												
S-182.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC		LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-183.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC		LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-184.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): One or more, min. 1-inch Trisotech G or Trisotech CGF Coverboard: Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA, LRFIA(BG) or PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5



TABLE 2B: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)

SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier		Primer	Vapor Barrier (3.1.4, 3.1.5)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)	
		Type	Attach (3.1.3)			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-185.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-186.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-187.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC		PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-188.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC		PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-189.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c. (every deck flange)	Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5
S-190.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-191.	Min. 22 ga., type B, Grade 40 steel	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c. (every other deck flange)	(Optional) ASTM D41	SBS-TA	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
TPA IN TPA BONDING ADHESIVE:											
S-192.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Section 3.1.1	1 per 2.7 ft ²	Additional layer(s), min. 1.5-inch base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	BB1-TPABA	-37.5* (NO HVHZ)	
S-193.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Section 3.1.1	1 per 4.0 ft ²	Additional layer(s), min. 1.5-inch base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	BB1-TPABA	-45.0*	
S-194.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Section 3.1.1	1 per 1.3 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	BB1-TPABA	-60.0	
S-195.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G or Styrofoam Brand Deckmate Plus	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech or Styrofoam Brand Deckmate Plus <u>Coverboard:</u> Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA	-75.0	
S-196.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA	-127.5	
S-197.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	BB1-TPABA	-135.0	
S-198.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, Trisotech CGF	Section 3.1.1	1 per 2.7 ft ²	Additional layer(s), min. 1.5-inch base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	BB1-TPABA	-37.5* (NO HVHZ)	
S-199.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G or Trisotech CGF	Section 3.1.1	1 per 4.0 ft ²	Additional layer(s), min. 1.5-inch base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	BB1-TPABA	-45.0*	
S-200.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G or Trisotech CGF	Section 3.1.1	1 per 1.3 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	BB1-TPABA	-60.0	



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-201.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, H-Shield, Multi-Max FA3	Section 3.1.1	1 per 2.0 ft ²	Additional Insulation Layer(s): Min. 1.5-inch Trisotech, Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board	LRFIA, LRFIA (BG), PSFA, 12-inch o.c.	None	None	BB1-TPABA	-45.0
S-202.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G or Trisotech CGF Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA	-75.0
S-203.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G or Trisotech CGF	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA	-127.5
S-204.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G or Trisotech CGF	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 4-inch o.c.	None	None	BB1-TPABA	-135.0
TPA IN TPA LV SINGLE PLY BONDING ADHESIVE:										
S-205.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G or Trisotech	Section 3.1.1	1 per 2.7 ft ²	Additional layer(s), min. 1.5-inch base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	BB2-TPALV	-37.5* (NO HVHZ)
S-206.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G or Trisotech	Section 3.1.1	1 per 4.0 ft ²	Additional layer(s), min. 1.5-inch base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	BB2-TPALV	-45.0*
S-207.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Section 3.1.1	1 per 1.3 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	BB2-TPALV	-60.0



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-208.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G or Styrofoam Brand Deckmate Plus	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech or Styrofoam Brand Deckmate Plus Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB2-TPALV	-75.0
S-209.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB2-TPALV	-127.5
S-210.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	BB2-TPALV	-135.0
S-211.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G	Section 3.1.1	1 per 2.7 ft ²	Additional layer(s), min. 1.5-inch base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	BB2-TPALV	-37.5* (NO HVHZ)
S-212.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 4.0 ft ²	Additional layer(s), min. 1.5-inch base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	BB2-TPALV	-45.0*
S-213.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, H-Shield, Multi-Max FA3	Section 3.1.1	1 per 2.0 ft ²	Additional Insulation Layer(s): Min. 1.5-inch Trisotech, Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board	LRFIA, LRFIA (BG), PSFA, 12-inch o.c.	None	None	BB2-TPALV	-45.0
S-214.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G or Trisotech CGF	Section 3.1.1	1 per 1.3 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	BB2-TPALV	-60.0



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-215.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G or Trisotech CGF Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB2-TPALV	-75.0
S-216.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G or Trisotech CGF	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB2-TPALV	-127.5
S-217.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G or Trisotech CGF	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 4-inch o.c.	None	None	BB2-TPALV	-135.0
TPA FB IN HOT ASPHALT OR THERMASTIC:										
S-218.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Section 3.1.1	1 per 4.0 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-37.5* (NO HVHZ)
S-219.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G	Tremco #1410 with Tremco Disc 3 in. Ribbed Steel Stress Plate	1 per 2.0 ft ²	Min. 0.5-inch DensDeck	LRFIA or LRFIA (BG), 12-inch o.c.	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-220.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Section 3.1.1	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
S-221.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-222.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch base insulation</p> <p><u>Coverboard</u>: Min. 0.125-inch TremBoard AC</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-223.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	<p><u>Additional Layer(s)</u>: LRFIA or LRFIA(BG), 12-inch o.c.</p> <p><u>Coverboard</u>: LRFIA or LRFIA(BG), 6-inch o.c.</p>	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
S-224.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 1-inch MONOBOARD Plus (no extrapolation permitted for ribbon attachment)</p>	<p><u>Additional Layer(s)</u>: LRFIA or LRFIA(BG), 12-inch o.c.</p> <p><u>Coverboard</u>: LRFIA or LRFIA(BG), 6-inch o.c.</p>	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0*



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-225.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 1.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5	
S-226.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-112.5	
S-227.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G or EnergyGuard Polyiso Insulation	Section 3.1.1	1 per 4.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-37.5* (NO HVHZ)	
S-228.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi concrete	Min. 2-inch Trisotech G	Tremco #1410 with Tremco Disc 3 in. Ribbed Steel Stress Plate	1 per 2.0 ft ²	Min. 0.5-inch DensDeck	PSFA, 12-inch o.c.	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*	
S-229.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G or EnergyGuard Polyiso Insulation	Section 3.1.1	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*	
S-230.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5	



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-231.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
S-232.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 1.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
S-233.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-112.5
S-234.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi concrete	Min. 2-inch Trisotech G	Tremco #1410 with Tremco Disc 3 in. Ribbed Steel Stress Plate	1 per 2.0 ft ²	Min. 0.5-inch DensDeck	Hot asphalt	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
S-235.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	Hot asphalt	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
S-236.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 1-inch MONOBOARD Plus	Hot asphalt	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0*
S-237.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi concrete	Min. 2-inch Trisotech G	Tremco #1410 with Tremco Disc 3 in. Ribbed Steel Stress Plate	1 per 1.0 ft ²	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-238.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Min. 0.125-inch TremBoard AC or min.0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
TPA FB IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:										
S-239.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 1.5-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, ISO 95+ GL, RESISTA, H-Shield, Multi-Max FA3	Section 3.1.1	1 per 2.0 ft ²	<u>Additional Insulation Layer(s):</u> Min. 1.5-inch Trisotech, Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard:</u> Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board	LRFIA, LRFIA (BG), PSFA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-45.0
TPA FB IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):										
S-240.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Section 3.1.1	1 per 2.7 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	FB5-TLRA, 12-inch o.c.	-37.5* (NO HVHZ)
S-241.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Section 3.1.1	1 per 4.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	FB5-TLRA, 12-inch o.c.	-45.0*
S-242.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Section 3.1.1	1 per 1.3 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	FB5-TLRA, 6-inch o.c.	-60.0
S-243.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G or Styrofoam Brand Deckmate Plus	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech or Styrofoam Brand Deckmate Plus <u>Coverboard:</u> Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0
S-244.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-127.5



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-245.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	0.5-inch ACfoam HD CoverBoard, 0.625-inch ACfoam HD CoverBoard-FR or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-135.0	
S-246.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Section 3.1.1	1 per 4.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5* (NO HVHZ)	
S-247.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-248.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Section 3.1.1	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-249.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-250.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch base insulation</p> <p><u>Coverboard</u>: Min. 0.125-inch TremBoard AC</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-251.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch base insulation</p> <p><u>Coverboard</u>: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	<p><u>Additional Layer(s)</u>: LRFIA or LRFIA(BG), 12-inch o.c.</p> <p><u>Coverboard</u>: LRFIA or LRFIA(BG), 6-inch o.c.</p>	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-252.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 1.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch base insulation</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-253.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-112.5



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-254.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Section 3.1.1	1 per 4.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5* (NO HVHZ)	
S-255.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	<p><u>Additional Insulation Layer(s)</u>: Min. 1-inch Atlas ThermalStar Type II</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG)	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-256.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Section 3.1.1	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-257.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5	
S-258.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch base insulation</p> <p><u>Coverboard</u>: Min. 0.125-inch TremBoard AC</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5	



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-259.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	<p><u>Additional Layer(s)</u>: LRFIA or LRFIA(BG), 12-inch o.c.</p> <p><u>Coverboard</u>: LRFIA or LRFIA(BG), 6-inch o.c.</p>	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-260.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 1-inch MONOBOARD Plus or Min. 2-inch TOPROCK DD Plus (no extrapolation permitted for ribbon attachment)</p>	<p><u>Additional Layer(s)</u>: LRFIA or LRFIA(BG), 12-inch o.c.</p> <p><u>Coverboard</u>: LRFIA or LRFIA(BG), 6-inch o.c.</p>	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0*
S-261.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 1.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-262.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate, Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-263.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G	Section 3.1.1	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	SBS-TA	(Optional) SBS-TA	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-264.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G or Trisotech CGF	Section 3.1.1	1 per 2.7 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	FB5-TLRA, 12-inch o.c.	-37.5* (NO HVHZ)	
S-265.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G or Trisotech CGF	Section 3.1.1	1 per 4.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	FB5-TLRA, 12-inch o.c.	-45.0*	
S-266.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G or Trisotech CG	Section 3.1.1	1 per 1.3 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	FB5-TLRA, 6-inch o.c.	-60.0	
S-267.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0	
S-268.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G or Trisotech CGF	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-127.5	
S-269.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G or Trisotech CGF	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 4-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-135.0	
S-270.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G or EnergyGuard Polyiso Insulation	Section 3.1.1	1 per 4.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5* (NO HVHZ)	
S-271.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G or EnergyGuard Polyiso Insulation	Section 3.1.1	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-272.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-273.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch Structodek HD with Primed Red Coating or DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : PSFA 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-274.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 1.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-275.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-112.5
S-276.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G or EnergyGuard Polyiso Insulation	Section 3.1.1	1 per 4.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5* (NO HVHZ)
S-277.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G or EnergyGuard Polyiso Insulation	Section 3.1.1	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-278.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-279.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation</p> <p><u>Coverboard</u>: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	<p><u>Additional Layer(s)</u>: PSFA, 12-inch o.c.</p> <p><u>Coverboard</u>: PSFA, 6-inch o.c.</p>	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-280.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 1.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G or Trisotech CGF</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-281.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch Trisotech G or Trisotech CGF	Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate, Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G or Trisotech CGF</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
S-282.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G	Section 3.1.1	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G or Trisotech CGF</p> <p><u>Coverboard</u>: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	PSFA, 12-inch o.c.	SBS-TA	(Optional) SBS-TA	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-283.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<p><u>Additional Insulation Layer(s)</u>: (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max</p> <p><u>Coverboard</u>: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board</p>	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-284.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-285.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco Disc Ribbed 3 in. Steel Stress Plate	1 per 1.45 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
S-286.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.45 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:										
S-287.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Section 3.1.1	1 per 2.7 ft ²	0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	FB6-PEBATF	-37.5* (NO HVHZ)
S-288.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Section 3.1.1	1 per 4.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-37.5* (NO HVHZ)
S-289.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Section 3.1.1	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
S-290.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	None	None	FB6-PEBATF	-45.0*



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-291.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Section 3.1.1	1 per 4.0 ft ²	0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	FB6-PEBATF	-45.0*
S-292.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-52.5
S-293.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Section 3.1.1	1 per 1.3 ft ²	0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG)	None	None	FB6-PEBATF	-60.0
S-294.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : LRFIA or LRFIA(BG), 12-inch o.c. <u>Coverboard</u> : LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-60.0
S-295.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 1.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-67.5
S-296.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G or Styrofoam Brand Deckmate Plus	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech or Styrofoam Brand Deckmate Plus <u>Coverboard</u> : 0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-75.0
S-297.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-112.5



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-298.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	0.5-inch ACfoam HD CoverBoard, 0.625-inch ACfoam HD CoverBoard-FR or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-127.5	
S-299.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	0.5-inch ACfoam HD CoverBoard, 0.625-inch ACfoam HD CoverBoard-FR or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	FB6-PEBATF	-135.0	
S-300.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Section 3.1.1	1 per 4.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-37.5* (NO HVHZ)	
S-301.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG)	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*	
S-302.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Section 3.1.1	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*	



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-303.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 2.0 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5	
S-304.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 2.0 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5	
S-305.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Additional Layer(s): LRFIA or LRFIA(BG), 12-inch o.c. Coverboard: LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0	
S-306.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 1.0 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	
S-307.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5	
S-308.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G or Trisotech CGF	Section 3.1.1	1 per 2.7 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	FB6-PEBATF	-37.5* (NO HVHZ)	
S-309.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G or EnergyGuard Polyiso Insulation	Section 3.1.1	1 per 4.0 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-37.5* (NO HVHZ)	



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-310.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G or EnergyGuard Polyiso Insulation	Section 3.1.1	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-45.0*	
S-311.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G or Trisotech CGF	Section 3.1.1	1 per 4.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	FB6-PEBATF	-45.0*	
S-312.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G or Trisotech CGF	Section 3.1.1	1 per 1.3 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA	None	None	FB6-PEBATF	-60.0	
S-313.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Additional Layer(s)</u> : PSFA, 12-inch o.c. <u>Coverboard</u> : PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-60.0	
S-314.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 1.0 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch base insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-67.5	
S-315.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-112.5	
S-316.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G or Trisotech CGF	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-127.5	
S-317.	Min. 22 ga., Type B, Grade 80 steel	Min. 2-inch Trisotech G or Trisotech CGF	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 4-inch o.c.	None	None	FB6-PEBATF	-135.0	



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-318.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G or EnergyGuard Polyiso Insulation	Section 3.1.1	1 per 4.0 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-37.5* (NO HVHZ)	
S-319.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G or EnergyGuard Polyiso Insulation	Section 3.1.1	1 per 2.0 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation Coverboard: Min. 0.125-inch TremBoard AC, min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*	
S-320.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 2.0 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5	
S-321.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Additional Layer(s): PSFA, 12-inch o.c. Coverboard: PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0	
S-322.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G	Section 3.1.1	1 per 1.0 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch base insulation Coverboard: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	
S-323.	Min. 22 ga., type B, Grade 40 steel	Min. 2-inch Trisotech G	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G or Trisotech CGF Coverboard: Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5	
S-324.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Additional Insulation Layer(s): (Optional) Min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max Coverboard: Min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0	



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation			Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-325.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-326.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL	Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco Disc Ribbed 3 in. Steel Stress Plate	1 per 1.45 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-75.0
S-327.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.45 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-75.0



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
TPA IN TPA BONDING ADHESIVE OR TPA LV SINGLE PLY BONDING ADHESIVE:												
S-328.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	None	BP-CA5 or SBS-CA5	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-45.0*
S-329.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-45.0*
S-330.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-45.0*
S-331.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-45.0*
S-332.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-45.0*
S-333.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-45.0*



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-334.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-52.5
S-335.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-52.5
S-336.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-60.0
S-337.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-60.0
S-338.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5
S-339.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-340.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5
S-341.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5
S-342.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5
S-343.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5
S-344.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-82.5
S-345.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-82.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-346.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-90.0
S-347.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-90.0
S-348.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-45.0*
S-349.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-45.0*
S-350.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-52.5
S-351.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-60.0



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-352.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-60.0
S-353.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5
S-354.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5
S-355.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5
S-356.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5
S-357.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-358.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-67.5
S-359.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-82.5
S-360.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-82.5
S-361.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-90.0
S-362.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-90.0
TPA FB IN HOT ASPHALT OR THERMASTIC 80:												
S-363.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-364.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-52.5
S-365.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
S-366.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
S-367.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

Table with 12 columns: System No., Deck (4.1.2), Thermal Barrier (Type, Fastener (3.1.1, 4.2.3), Attach), Primer, Vapor Barrier (3.1.4), Insulation Layer(s) (Type, Attach (3.1.3)), Roof Cover (3.1.4) (Base Ply, Ply, Cap Ply), and MDP (psf). Rows include systems S-368, S-369, S-370, S-371, and S-372.



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)	
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply			
S-373.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board			PSFA, 6-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-90.0
TPA FB IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:														
S-374.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	None	BP-CA5 or SBS-CA5	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board			LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-45.0*
S-375.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board			LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-45.0*
S-376.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board			LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-45.0*
S-377.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board			LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-45.0*
S-378.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board			LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-45.0*



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-379.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-45.0*
S-380.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-52.5
S-381.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-52.5
S-382.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-60.0
S-383.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-60.0



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-384.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5
S-385.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5
S-386.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5
S-387.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5
S-388.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-389.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5
S-390.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-82.5
S-391.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-82.5
S-392.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-90.0
S-393.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-90.0



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-394.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-45.0*
S-395.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-45.0*
S-396.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-52.5
S-397.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-60.0
S-398.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-60.0
S-399.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-400.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5
S-401.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5
S-402.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5
S-403.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5
S-404.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-67.5
S-405.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 6-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-82.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-406.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 6-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-82.5
S-407.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-90.0
S-408.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPAFB or FB4-FBWB	-90.0
TPA FB IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):												
S-409.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	None	BP-CA5 or SBS-CA5	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*
S-410.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*
S-411.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-412.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3” Metal Insulation Plate	1 per 3.2 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16- inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-45.0*	
S-413.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3” Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi- Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16- inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-45.0*	
S-414.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3” Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch- applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi- Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16- inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-45.0*	
S-415.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3” Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16- inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-52.5	
S-416.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3” Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16- inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7- PSFA, spatter	-52.5	



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-417.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FBS-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0	
S-418.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FBS-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0	
S-419.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FBS-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5	
S-420.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FBS-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5	
S-421.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FBS-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5	



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-422.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
S-423.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
S-424.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
S-425.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-82.5
S-426.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-82.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-427.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-90.0
S-428.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-90.0
S-429.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	None	BP-CA5 or SBS-CA5	<p><u>Additional Insulation Layer(s)</u>: Min. 1-inch Atlas ThermalStar Type II</p> <p><u>Coverboard</u>: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-430.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<p><u>Additional Insulation Layer(s)</u>: Min. 1-inch Atlas ThermalStar Type II</p> <p><u>Coverboard</u>: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-431.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	Tremco AVC Membrane Primer	Tremco AVC Membrane	<p><u>Additional Insulation Layer(s)</u>: Min. 1-inch Atlas ThermalStar Type II</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-432.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-433.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-434.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-435.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5	
S-436.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5	



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-437.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-438.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-439.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-440.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-441.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-442.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-443.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-444.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-445.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck, DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5	
S-446.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck, DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5	
S-447.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0	
S-448.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0	
S-449.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	None	BP-CA5 or SBS-CA5	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-450.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-451.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-452.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-453.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-454.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-455.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5	
S-456.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5	
S-457.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0	
S-458.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0	
S-459.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-460.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-461.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-462.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-463.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-464.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-465.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0	
S-466.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0	
S-467.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-468.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*	



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)	
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply			
S-469.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board			PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-52.5
S-470.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board			PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0
S-471.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board			PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-60.0
S-472.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board			PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
S-473.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board			PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
S-474.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board			PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-475.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
S-476.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
S-477.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-67.5
S-478.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-82.5
S-479.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-82.5
S-480.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-90.0



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-481.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-90.0
S-482.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-483.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-484.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G or Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-485.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-486.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0	
S-487.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-488.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-489.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-490.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-491.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-492.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-493.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck or DensDeck Prime	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
S-494.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck or DensDeck Prime	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
S-495.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0
S-496.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0
S-497.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-498.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*	
S-499.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5	
S-500.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0	
S-501.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0	
S-502.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-503.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-504.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-505.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-506.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-507.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5	
S-508.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0	



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)	
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-509.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board		PSFA, 6-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:													
S-510.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	None	BP-CA5 or SBS-CA5	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
S-511.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
S-512.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
S-513.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Additional Insulation Layer(s)</u> : Min. 1-inch Atlas ThermalStar Type II <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board		LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-514.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
S-515.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
S-516.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer	Tremco AVC Membrane	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-52.5
S-517.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-52.5
S-518.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-60.0



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-519.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-60.0
S-520.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-521.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-522.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-67.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-523.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-524.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-525.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-526.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime</p>	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-82.5
S-527.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime</p>	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-82.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-528.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-90.0
S-529.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-90.0
S-530.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	None	BP-CA5 or SBS-CA5	<p><u>Additional Insulation Layer(s)</u>: Min. 1-inch Atlas ThermalStar Type II</p> <p><u>Coverboard</u>: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
S-531.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<p><u>Additional Insulation Layer(s)</u>: Min. 1-inch Atlas ThermalStar Type II</p> <p><u>Coverboard</u>: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
S-532.	Min. 22 ga., type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	Tremco AVC Membrane Primer	Tremco AVC Membrane	<p><u>Additional Insulation Layer(s)</u>: Min. 1-inch Atlas ThermalStar Type II</p> <p><u>Coverboard</u>: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-533.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #12 DP Fastener or Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 3.2 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	Additional Insulation Layer(s): Min. 1-inch Atlas ThermalStar Type II Coverboard: Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*	
S-534.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*	
S-535.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	Insulation Layer(s): One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*	
S-536.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer	Tremco AVC Membrane	Insulation Layer(s): (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5	
S-537.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	Insulation Layer(s): (Optional) One or more, min. 1-inch Trisotech G, Trisotech CGF or Trisotech Coverboard: Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5	



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-538.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0	
S-539.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0	
S-540.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	
S-541.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-542.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	
S-543.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	
S-544.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	
S-545.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<p><u>Insulation Layer(s)</u>: One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate</p> <p><u>Coverboard</u>: Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board</p>	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-546.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck, DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5	
S-547.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch DensDeck, DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5	
S-548.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0	
S-549.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max, Trisotech, Trisotech G or Styrofoam Brand Roofmate, Highload 60 or Plazamate <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0	
S-550.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-45.0*	



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-551.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-45.0*
S-552.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-52.5
S-553.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-60.0
S-554.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-60.0
S-555.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-67.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-556.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-557.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-558.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-559.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD SECUROCK Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-560.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-67.5
S-561.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-82.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-562.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck Prime	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-82.5
S-563.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-90.0
S-564.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-90.0
S-565.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
S-566.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*
S-567.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	Tremco AVC Membrane Primer or AVC Membrane Primer (WB)	Tremco AVC Max	<u>Insulation Layer(s)</u> : (Optional) One or more, min. 1-inch Trisotech G or Trisotech CGF <u>Coverboard</u> : Min. 0.125-inch TremBoard AC or min. 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-52.5



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-568.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0	
S-569.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.8 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0	
S-570.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	
S-571.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	
S-572.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	
S-573.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Dekfast #14 with Dekfast PLT-R-3	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	



TABLE 2D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)			Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply		
S-574.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	
S-575.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DEXcell FA Glass Mat Roof Board, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5	
S-576.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck, DensDeck Prime	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5	
S-577.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch DensDeck, DensDeck Prime	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5	
S-578.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	BP-CA5 or SBS-CA5	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0	
S-579.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	(Optional) ASTM D41	POWERply SBS Base HW or POWERply Standard Smooth HW, torch-applied	<u>Insulation Layer(s)</u> : One or more, min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation <u>Coverboard</u> : Min. 0.5-inch SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0	



**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
TPA IN TPA BONDING ADHESIVE:									
S-580.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional for recover) One or more layers, any combination, min. 1-inch	Min. 0.25-inch DensDeck Prime	Section 3.1.1	1 per 4.0 ft ²	None	None	BB1-TPABA	-30.0* (NO HVHZ)
S-581.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	None	BB1-TPABA	-30.0* (NO HVHZ)
S-582.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.7 ft ²	None	None	BB1-TPABA	-37.5* (NO HVHZ)
S-583.	Min. 22 ga., type B, Grade 40 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G or Trisotech CGF	Section 3.1.1	1 per 2.0 ft ²	None	None	BB1-TPABA	-45.0*
S-584.	Min. 22 ga., type B, Grade 40 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech, Trisotech G or Trisotech CGF	Section 3.1.1	1 per 4.0 ft ²	None	None	BB1-TPABA	-45.0*
S-585.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional for recover) One or more layers, any combination	Min. 0.25-inch DensDeck Prime	Section 3.1.1	1 per 2.0 ft ²	None	None	BB1-TPABA	-45.0*
S-586.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	None	BB1-TPABA	-45.0*
S-587.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.3 ft ²	None	None	BB1-TPABA	-45.0*
S-588.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	Section 3.1.1	1 per 2.0 ft ²	None	None	BB1-TPABA	-45.0
S-589.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#12-PH3, Dekfast DF-#14-PH3 or Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener, Tremco #1410 Fastener or Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate (#12 fasteners with steel only)	1 per 2.0 ft ²	None	None	BB1-TPABA	-45.0



**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
S-590.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener or Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or ACE #15 with ACE 3" BE Insulation Plate	1 per 1.8 ft ²	None	None	BB1-TPABA	-67.5
TPA IN TPA LV SINGLE PLY BONDING ADHESIVE:									
S-591.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	None	BB2-TPALV	-30.0* (NO HVHZ)
S-592.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.7 ft ²	None	None	BB2-TPALV	-37.5* (NO HVHZ)
S-593.	Min. 22 ga., type B, Grade 40 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G or Trisotech CGF	Section 3.1.1	1 per 2.0 ft ²	None	None	BB2-TPALV	-45.0*
S-594.	Min. 22 ga., type B, Grade 40 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech, Trisotech G or Trisotech CGF	Section 3.1.1	1 per 4.0 ft ²	None	None	BB2-TPALV	-45.0*
S-595.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	None	BB2-TPALV	-45.0*
S-596.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.3 ft ²	None	None	BB2-TPALV	-45.0*
S-597.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	Section 3.1.1	1 per 2.0 ft ²	None	None	BB2-TPALV	-45.0
S-598.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#12-PH3, Dekfast DF-#14-PH3 or Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener, Tremco #1410 Fastener or Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate (#12 fasteners with steel only)	1 per 2.0 ft ²	None	None	BB2-TPALV	-45.0



**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
S-599.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener or Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or ACE #15 with ACE 3" BE Insulation Plate	1 per 1.8 ft ²	None	None	BB2-TPALV	-67.5
TPA FB IN HOT ASPHALT OR THERMASTIC 80:									
S-600.	Min. 22 ga., type B, Grade 40 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DensDeck Prime	Section 3.1.1 or Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3	1 per 4.0 ft ²	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-30.0* (NO HVHZ)
S-601.	Min. 22 ga., type B, Grade 40 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 4.0 ft ²	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-30.0* (NO HVHZ)
S-602.	Min. 22 ga., type B, Grade 40 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC	Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate or Tremco #12 DP (steel only) or Tremco #14 HD with Tremco 3" Metal Insulation Plate	1 per 4.0 ft ²	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-30.0* (NO HVHZ)
S-603.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Section 3.1.1	1 per 2.0 ft ²	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0*
S-604.	Min. 22 ga., type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft ²	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
S-605.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC	Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-67.5
S-606.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-75.0
S-607.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-75.0



**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
S-608.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 2-inch Trisotech G	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #1410 with Tremco Disc 3 in. Steel Stress Plate	1 per 1.0 ft ²	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-90.0
S-609.	Min. 22 ga., type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-112.5
S-610.	Min. 22 ga., type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft ²	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-157.5
S-611.	Min. 22 ga., type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-157.5
S-612.	Min. 22 ga., type B, Grade 80 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.0 ft ²	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-172.5
TPA FB IN TPA BONDING ADHESIVE:									
S-613.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	None	FB3-TPABA	-30.0* (NO HVHZ)
S-614.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.7 ft ²	None	None	FB3-TPABA	-37.5* (NO HVHZ)
S-615.	Min. 22 ga., type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Section 3.1.1	1 per 2.0 ft ²	None	None	FB3-TPABA	-45.0*
S-616.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 0.5-inch Structodek HD with Primed Red Coating	Section 3.1.1	1 per 2.0 ft ²	None	None	FB3-TPABA	-45.0*
S-617.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	None	FB3-TPABA	-45.0*
S-618.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.3 ft ²	None	None	FB3-TPABA	-45.0*
S-619.	Min. 22 ga., type B, Grade 40 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	Section 3.1.1	1 per 2.0 ft ²	None	None	FB3-TPABA	-45.0



**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
S-620.	Min. 22 ga., type B, Grade 40 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#12-PH3, Dekfast DF-#14-PH3 or Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener, Tremco #1410 Fastener or Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate (#12 fasteners with steel only)	1 per 2.0 ft ²	None	None	FB3-TPABA	-45.0
S-621.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 2-inch thick	0.5-inch ACFoam HD CoverBoard or 0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	None	FB3-TPABA	-52.5
S-622.	Min. 22 ga., type B, Grade 40 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener or Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or ACE #15 with ACE 3" BE Insulation Plate	1 per 1.8 ft ²	None	None	FB3-TPABA	-67.5
S-623.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 2-inch thick	0.5-inch ACFoam HD CoverBoard or 0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	None	None	FB3-TPABA	-82.5
S-624.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	One or more layers, any combination, min. 2-inch thick	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	None	None	FB3-TPABA	-105.0
TPA FB IN FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:									
S-625.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	None	FB4-FBWB	-30.0* (NO HVHZ)
S-626.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.7 ft ²	None	None	FB4-FBWB	-37.5* (NO HVHZ)
S-627.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Section 3.1.1	1 per 2.0 ft ²	None	None	FB4-FBWB	-37.5* (NO HVHZ)



**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
S-628.	Min. 22 ga., type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	Section 3.1.1	1 per 2.0 ft ²	None	None	FB4-FBWB	-45.0*
S-629.	Min. 22 ga., type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL	Section 3.1.1	1 per 4.0 ft ²	None	None	FB4-FBWB	-45.0*
S-630.	Min. 22 ga., type B, Grade 33 steel or structural concrete	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 7/16-inch APA Rated OSB	Section 3.1.1	1 per 4.0 ft ²	None	None	FB4-FBWB	-45.0*
S-631.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	None	FB4-FBWB	-45.0*
S-632.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.3 ft ²	None	None	FB4-FBWB	-45.0*
S-633.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	Section 3.1.1	1 per 2.0 ft ²	None	None	FB4-FBWB	-45.0
S-634.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#12-PH3, Dekfast DF-#14-PH3 or Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener, Tremco #1410 Fastener or Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or ACE #12 or ACE #15 with ACE 3" BE Insulation Plate (#12 fasteners with steel only)	1 per 2.0 ft ²	None	None	FB4-FBWB	-45.0
S-635.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 2-inch thick	0.5-inch ACFoam HD CoverBoard or 0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	None	FB4-FBWB	-52.5
S-636.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1410 Fastener or Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or ACE #15 with ACE 3" BE Insulation Plate	1 per 1.8 ft ²	None	None	FB4-FBWB	-67.5



**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
S-637.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 2-inch thick	0.5-inch ACFoam HD CoverBoard or 0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	None	None	FB4-FBWB	-82.5
S-638.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	One or more layers, any combination, min. 2-inch thick	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	None	None	FB4-FBWB	-105.0
TPA FB IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):									
S-639.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-30.0* (NO HVHZ)
S-640.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional for recover) One or more layers, any combination, min. 1-inch	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	None	None	FB5-TLRA, 12-inch o.c. or FB7-PSFA, spatter	-30.0* (NO HVHZ)
S-641.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Section 3.1.1	1 per 2.7 ft ²	None	None	FB5-TLRA, 12-inch o.c. or FB7-PSFA, spatter	-37.5* (NO HVHZ)
S-642.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.7 ft ²	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-37.5* (NO HVHZ)
S-643.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.5-inch ACFoam HD CoverBoard	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*
S-644.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 2.3 ft ²	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-45.0*



**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
S-645.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional for recover) One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 2.0 ft ²	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-45.0*
S-646.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 2-inch thick	0.5-inch ACFoam HD CoverBoard or 0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.3 ft ²	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
S-647.	Min. 22 ga., Type B, Grade 80 steel	(Optional for recover) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-75.0
S-648.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 2-inch thick	0.5-inch ACFoam HD CoverBoard or 0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
S-649.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	One or more layers, any combination, min. 2-inch thick	0.625-inch ACFoam HD CoverBoard-FR	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate or Dekfast DF-#14-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-105.0
S-650.	Min. 22 ga., type B, Grade 40 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DensDeck Prime	Section 3.1.1 or Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3	1 per 4.0 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-30.0* (NO HVHZ)
S-651.	Min. 22 ga., type B, Grade 40 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 4.0 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-30.0* (NO HVHZ)
S-652.	Min. 22 ga., type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0



**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
S-653.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate, Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-654.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
S-655.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
S-656.	Min. 22 ga., type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
S-657.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
S-658.	Min. 22 ga., type B, Grade 40 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DensDeck Prime	Section 3.1.1 or Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3	1 per 4.0 ft ²	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-30.0* (NO HVHZ)
S-659.	Min. 22 ga., type B, Grade 40 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 4.0 ft ²	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-30.0* (NO HVHZ)
S-660.	Min. 22 ga., type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft ²	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0



**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
S-661.	Min. 22 ga., type B, Grade 40 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 1-inch Roxul MONOBOARD Plus or Min. 2-inch TOPROCK DD Plus	Tremco #15 EHD Fastener with Trufast Coiled Batten Bar-Deep Well (BB-20R-3-DW)	12-inch o.c. through bars spaced 18-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-60.0
S-662.	Min. 22 ga., type B, Grade 40 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 1-inch Roxul MONOBOARD Plus or Min. 2-inch TOPROCK DD Plus	Tremco #15 EHD Fastener with Trufast Coiled Batten Bar-Deep Well (BB-20R-3-DW)	12-inch o.c. through bars spaced 18-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-663.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC	Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-67.5
S-664.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
S-665.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-75.0
S-666.	Min. 22 ga., type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-97.5
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:									
S-667.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional for recover) One or more layers, any combination, min. 1-inch	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	None	None	FB6-PEBATF	-30.0* (NO HVHZ)
S-668.	Min. 22 ga., type B, Grade 40 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DensDeck Prime	Section 3.1.1 or Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3	1 per 4.0 ft ²	None	None	FB6-PEBATF	-30.0* (NO HVHZ)



**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
S-669.	Min. 22 ga., type B, Grade 40 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 4.0 ft ²	None	None	FB6-PEBATF	-30.0* (NO HVHZ)
S-670.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional for recover) One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 2.0 ft ²	None	None	FB6-PEBATF	-45.0*
S-671.	Min. 22 ga., type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft ²	None	None	FB6-PEBATF	-60.0
S-672.	Min. 22 ga., Type B, Grade 80 steel	(Optional for recover) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	None	None	FB6-PEBATF	-75.0
S-673.	Min. 22 ga., type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	None	None	FB6-PEBATF	-82.5
S-674.	Min. 22 ga., Type B, Grade 80 steel	(Optional for recover) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	None	None	FB6-PEBATF	-127.5
S-675.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional for recover) One or more layers, any combination, min. 1-inch	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-30.0* (NO HVHZ)
S-676.	Min. 22 ga., type B, Grade 40 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch DensDeck Prime	Section 3.1.1 or Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3	1 per 4.0 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-30.0* (NO HVHZ)
S-677.	Min. 22 ga., type B, Grade 40 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Dekfast DF-#12-PH3 (steel only) or DF-#14-PH3 with Dekfast PLT-R-3, Tremco #1211 Fastener (steel only) or Tremco #1410 Fastener with Tremco Disc 3 in. Steel Stress Plate	1 per 4.0 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-30.0* (NO HVHZ)
S-678.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional for recover) One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0*



**TABLE 2E: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
S-679.	Min. 22 ga., type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
S-680.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.125-inch TremBoard AC or STURDY-DEK Asphaltic Coverboard	Dekfast DF-#15-PH3 with Dekfast PLT-R-3, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate, Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-67.5
S-681.	Min. 22 ga., Type B, Grade 80 steel	(Optional for recover) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 2.0 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-75.0
S-682.	Min. 22 ga., type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch DensDeck Prime	Tremco #14 HD Fastener with Tremco 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5
S-683.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch total thickness, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Tremco #15 EHD Fastener with Tremco 3" Metal Insulation Plate, Tremco #1510 XHD Fastener with Tremco Disc Ribbed 3 in. Steel Stress Plate or Dekfast DF-#15-PH3 with Dekfast PLT-R-3	1 per 1.0 ft ²	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-165.0



**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER**

System No.	Deck (4.1.2)	Insulation (3.1.2, 3.1.2, 4.2.3)	Attachment		Roof Cover (3.1.4)	MDP (psf)
			Fastener (4.2.3)	Density		
SFS ISOWELD®:						
S-684.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, min. 1.5-inch	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	12-inch o.c. in rows 5 ft o.c.	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-45.0
S-685.	Structural concrete	(Optional) One or more layers, any combination, min. 1.5-inch	Dekfast DF-#14-PH3 or DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	12-inch o.c. in rows 5 ft o.c.	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-45.0
S-686.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	12-inch o.c. in rows 6 ft o.c.	Min. 80-mil Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-52.5
S-687.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, min. 1.5-inch	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	6 ft ² per fastener 2 x 3-ft grid	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-52.5
S-688.	Structural concrete	(Optional) One or more layers, any combination, min. 1.5-inch	Dekfast DF-#14-PH3 or DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	6 ft ² per fastener 2 x 3-ft grid	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-52.5
S-689.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	6-inch o.c. in rows 6 ft o.c.	Min. 80-mil Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-82.5
S-690.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, min. 1.5-inch	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	3 ft ² per fastener 1.5 x 2-ft grid	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-82.5
S-691.	Structural concrete	(Optional) One or more layers, any combination, min. 1.5-inch	Dekfast DF-#14-PH3 or DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	3 ft ² per fastener 1.5 x 2-ft grid	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-82.5
S-692.	Min. 22 ga., type B, Grade 40 steel	One or more layers, any combination, min. 1.5-inch	Dekfast DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	6-inch o.c. in rows 5 ft o.c.	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-90.0
S-693.	Structural concrete	(Optional) One or more layers, any combination, min. 1.5-inch	Dekfast DF-#14-PH3 or DF-#15-PH3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate	6-inch o.c. in rows 5 ft o.c.	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-90.0



**TABLE 2g: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER**

System No.	Deck (4.1.2)	Insulation Layer (3.1.2, 4.2.3)		Roof Cover (3.1.4)						MDP (psf)
		Type	Attach (3.1.2)	Membrane	Fastener (4.2.3)	Fastener Spacing (inch o.c.)	Lap Width (inch)	Row Spacing (inch o.c.)	Seam Weld (inch)	
S-694.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Metal Seam Plate or Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate or OMG 2-3/8 in. Eyehook Seam Plate	18	5	73	1.5	-30.0 (NO HVHZ)
S-695.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch, one or more layers, any combination or min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #1211 Fastener or Tremco #1410 Fastener with OMG 2" Barbed Plastic Seam Plate	6	6	72	2	-45.0
S-696.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA (min. 60-mil)	OMG Maxload Fastener or OMG Super XHD screw with OMG 2-3/4 in. Super XHD Barbed Seam Plate	18	6	72	2	-45.0
S-697.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Metal Seam Plate or Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate or OMG 2-3/8 in. Eyehook Seam Plate	12	5	73	1.5	-45.0
S-698.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA (min. 60-mil)	Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate	12	4.5	73.5	2	-45.0
S-699.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination or min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #1211 Fastener or Tremco #1410 Fastener with OMG 2" Barbed Plastic Seam Plate applied through the roof cover. A 6-inch wide strip of membrane is then heat-welded over the fastener rows.	6	2	96	2	-45.0
S-700.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	OMG Super XHD with OMG 2-3/4 in. Super XHD Barbed Seam Plate	12	6	114	2	-45.0
S-701.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	OMG Maxload Fastener or OMG Super XHD screw with OMG 2-3/4 in. Super XHD Barbed Seam Plate	12	5.5	114	2	-45.0
S-702.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA (min. 60-mil)	Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate	12	5	73	2	-52.5
S-703.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch, one or more layers, any combination or min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate	12	5	34	1.5	-60.0



**TABLE 2g: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER**

System No.	Deck (4.1.2)	Insulation Layer (3.1.2, 4.2.3)		Roof Cover (3.1.4)						MDP (psf)
		Type	Attach (3.1.2)	Membrane	Fastener (4.2.3)	Fastener Spacing (inch o.c.)	Lap Width (inch)	Row Spacing (inch o.c.)	Seam Weld (inch)	
S-704.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination or min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #15 EHD Fastener with Tremco 2.4" Barbed Metal Seam Plate or Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate or OMG 2-3/8 in Eyehook Seam Plate	6	5	73	1.5	-60.0
S-705.	Min. 22 ga., type B, Grade 33 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	OMG Super XHD with OMG 2-3/4 in. Super XHD Barbed Seam Plate	6	5.5	114	2	-60.0
S-706.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate	6	4.5	114	2	-60.0
S-707.	Min. 22 ga., type B, Grade 80 steel	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA (min. 60-mil)	Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate	6	6	72	2	-75.0
S-708.	Min. 22 ga., type B, Grade 80 steel	Min. 2-inch, one or more layers, any combination or min. 0.5-inch gypsum- or cement-based thermal barrier	Prelim. Attached	TPA	Tremco #1510 XHD Fastener with OMG 2-3/8 in. XHD Barbed Seam Plate	6	5	34	1.5	-112.5



TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
SEE 3.1.5 FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
TPA IN TPA BONDING ADHESIVE OR TPA LV SINGLE PLY BONDING ADHESIVE:										
C-1.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-262.5
C-2.	Structural concrete	None	Min. 1.5-inch Trisotech, Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	LRFIA, LRFIA (BG), or PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board	LRFIA, LRFIA (BG), PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-270.0
C-3.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-285.0
C-4.	Structural concrete	None	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-465.0
C-5.	Structural concrete	None	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	None	None	BB1-TPABA or BB2-TPALV	-622.5
C-6.	Structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	None	None	BB1-TPABA or BB2-TPALV	-937.5
C-7.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-262.5
C-8.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-285.0
C-9.	Structural concrete	None	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-465.0
C-10.	Structural concrete	None	Min. 0.25-inch DensDeck Prime	PSFA, 6-inch o.c.	None	N/A	None	None	BB1-TPABA or BB2-TPALV	-622.5
C-11.	Structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	N/A	None	None	BB1-TPABA or BB2-TPALV	-937.5
TPA FB IN HOT ASPHALT OR THERMASTIC:										
C-12.	Structural concrete	None	Min. 1.5-inch Trisotech G	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.5-inch DensDeck	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-120.0
C-13.	Structural concrete	None	Min. 1.5-inch Trisotech G	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-180.0
C-14.	Structural concrete	None	Min. 1.5-inch Trisotech G	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.5-inch DensDeck	LRFIA or LRFIA (BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-120.0



TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
 SEE [3.1.5](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
C-15.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-165.0
C-16.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-180.0
C-17.	Structural concrete	None	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA-3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	FB2-THERM	-195.0
C-18.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	FB2-THERM	-262.5
C-19.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	FB2-THERM	-285.0
C-20.	Structural concrete	None	Min. 1.5-inch Trisotech G	PSFA, 12-inch o.c.	Min. 0.5-inch DensDeck	PSFA, 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-120.0
C-21.	Structural concrete	None	Min. 1.5-inch Trisotech G	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-180.0
C-22.	Structural concrete	None	Min. 1.5-inch Trisotech G	PSFA, 12-inch o.c.	Min. 0.5-inch DensDeck	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-120.0



TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
SEE 3.1.5 FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
C-23.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-165.0
C-24.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-180.0
C-25.	Structural concrete	None	Min. 1-inch Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	PSFA, 12-inch o.c.	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	FB2-THERM	-195.0
C-26.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	FB2-THERM	-262.5
C-27.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	FB2-THERM	-285.0
C-28.	Structural concrete	ASTM D41	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Hot asphalt	Min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	None	None	FB1-HA or FB2-THERM	-45.0
C-29.	Structural concrete	ASTM D41	Min. 1.5-inch Trisotech G	Hot asphalt	Min. 0.5-inch DensDeck	Hot asphalt	None	None	FB1-HA or FB2-THERM	-120.0
C-30.	Structural concrete	ASTM D41	Min. 1.5-inch Trisotech G	Hot asphalt	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	None	None	FB1-HA or FB2-THERM	-277.5
C-31.	Structural concrete	ASTM D41	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Hot asphalt	Min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0
C-32.	Structural concrete	ASTM D41	Min. 1.5-inch Trisotech G	Hot asphalt	Min. 0.5-inch DensDeck	Hot asphalt	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-120.0
C-33.	Structural concrete	ASTM D41	Min. 1.5-inch Trisotech G	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-180.0
C-34.	Structural concrete	ASTM D41	Min. 1.5-inch Trisotech G	Hot asphalt	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-277.5

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TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
SEE 3.1.5 FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
C-35.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	0.5-inch ACfoam HD CoverBoard, 0.625-inch ACfoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA	-262.5
C-36.	Structural concrete	None	Min. 1.5-inch Trisotech, Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	LRFIA, LRFIA (BG), or PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board, or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, LRFIA (BG), PSFA, 12-inch o.c.	None	None	FB3-TPABA	-270.0
C-37.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA	-285.0
C-38.	Structural concrete	None	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	0.5-inch ACfoam HD CoverBoard, 0.625-inch ACfoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA	-465.0
C-39.	Structural concrete	None	0.5-inch ACfoam HD CoverBoard, 0.625-inch ACfoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	None	None	FB3-TPABA	-622.5
C-40.	Structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	None	None	FB3-TPABA	-937.5
C-41.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	None	None	FB3-TPABA	-262.5
C-42.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB3-TPABA	-285.0
C-43.	Structural concrete	None	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	FB3-TPABA	-465.0
C-44.	Structural concrete	None	Min. 0.25-inch DensDeck Prime	PSFA, 6-inch o.c.	None	N/A	None	None	FB3-TPABA	-622.5
C-45.	Structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	N/A	None	None	FB3-TPABA	-937.5
C-46.	Structural concrete	ASTM D41	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Hot asphalt	(Optional) Additional Layers base insulation	Hot asphalt	None	None	FB3-TPABA	-45.0
C-47.	Structural concrete	ASTM D41	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Hot asphalt	Min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	None	None	FB3-TPABA	-45.0



TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
SEE 3.1.5 FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
TPA FB IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):										
C-48.	Structural concrete	None	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	(Optional) additional layer(s) base insulation	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-37.5 (NO HVHZ)
C-49.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-30.0 (NO HVHZ)
C-50.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0
C-51.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
C-52.	Structural concrete	None	Min. 1.5-inch Trisotech, Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	LRFIA, LRFIA (BG), or PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board, or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, LRFIA (BG), PSFA, 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-270.0
C-53.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
C-54.	Structural concrete	None	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-465.0
C-55.	Structural concrete	None	0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-622.5
C-56.	Structural concrete	None	Optional min. 1-inch Trisotech G, Trisotech CGF or Trisotech followed by R-50 Insulation Systems "RICH-E-BOARD"	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5



TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
SEE 3.1.5 FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
C-57.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
C-58.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
C-59.	Structural concrete	None	Min. 1-inch Atlas ThermalStar Type II	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
C-60.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.125-inch TremBoard AC, min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-327.5
C-61.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-465.0
C-62.	Structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-1115.0
C-63.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or Min. 0.5-inch DensDeck or Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-202.5



TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
SEE 3.1.5 FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
C-64.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-202.5
C-65.	Structural concrete	None	Min. 1-inch Atlas ThermalStar Type II	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
C-66.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
C-67.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-340.0
C-68.	Structural concrete	None	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	SBS-TA	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-180.0
C-69.	Structural concrete	None	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	(Optional) additional layer(s) base insulation	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-37.5 (NO HVHZ)
C-70.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-30.0 (NO HVHZ)
C-71.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0
C-72.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5



TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
SEE 3.1.5 FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
C-73.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
C-74.	Structural concrete	None	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-465.0
C-75.	Structural concrete	None	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-622.5
C-76.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
C-77.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
C-78.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.125-inch TremBoard AC, min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-327.5
C-79.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-465.0
C-80.	Structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-1115.0
C-81.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or Min. 0.5-inch DensDeck or Structodek HD with Primed Red Coating	PSFA, 6-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-202.5
C-82.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-202.5



TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
SEE [3.1.5](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
C-83.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
C-84.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	BP-CA6, SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-340.0
C-85.	Structural concrete	None	Min. 0.5-inch Trisotech G or Trisotech CGF or Trisotech	PSFA, 12-inch o.c.	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	SBS-TA	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-180.0
C-86.	Structural concrete	ASTM D41	Min. 1.5-inch Trisotech G or Trisotech	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-180.0
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:										
C-87.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-262.5
C-88.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-285.0
C-89.	Structural concrete	None	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-465.0
C-90.	Structural concrete	None	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	None	None	FB6-PEBATF	-622.5
C-91.	Structural concrete	None	0.5-inch ACFoam HD CoverBoard, 0.625-inch ACFoam HD CoverBoard-FR or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	None	None	FB6-PEBATF	-937.5



TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
SEE 3.1.5 FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
C-92.	Structural concrete	None	(Optional) min. 1-inch Trisotech G, Trisotech CGF or Trisotech followed by R-50 Insulation Systems "RICH-E-BOARD"	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5
C-93.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-165.0
C-94.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-262.5
C-95.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-262.5
C-96.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-285.0
C-97.	Structural concrete	None	Min. 1-inch Atlas ThermalStar Type II	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-285.0
C-98.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.125-inch TremBoard AC, min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-327.5
C-99.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-465.0
C-100.	Structural concrete	None	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-622.5



**TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
SEE 3.1.5 FOR VAPOR BARRIER OPTIONS**

System No.	Deck (4.1.2)	Primer	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
C-101.	Structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-1115.0
C-102.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF or Trisotech	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-262.5
C-103.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-285.0
C-104.	Structural concrete	None	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-465.0
C-105.	Structural concrete	None	Min. 0.25-inch DensDeck Prime	PSFA, 6-inch o.c.	None	N/A	None	None	FB6-PEBATF	-622.5
C-106.	Structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	N/A	None	None	FB6-PEBATF	-937.5
C-107.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-165.0
C-108.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-262.5
C-109.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-285.0
C-110.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.125-inch TremBoard AC, min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-327.5
C-111.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-465.0
C-112.	Structural concrete	None	Min. 0.25-inch DensDeck Prime	PSFA, 6-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-622.5
C-113.	Structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-1115.0



TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
SEE 3.1.5 FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Primer	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
C-114.	Structural concrete	ASTM D41	Min. 1.5-inch Trisotech G or Trisotech	Hot asphalt	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-180.0
TPA FB IN TREMCO FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:										
C-115.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB4-FBWB	-180.0
C-116.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB4-FBWB	-202.5
C-117.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB4-FBWB	-262.5
C-118.	Structural concrete	None	Min. 1.5-inch Trisotech, Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	LRFIA, LRFIA (BG), or PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board, or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, LRFIA (BG), PSFA, 12-inch o.c.	None	None	FB4-FBWB	-270.0
C-119.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB4-FBWB	-285.0
C-120.	Structural concrete	None	(Optional) min. 1-inch Trisotech G, Trisotech CGF or Trisotech followed by R-50 Insulation Systems "RICH-E-BOARD"	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB4-FBWB	-82.5



**TABLE 3A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER
SEE 3.1.5 FOR VAPOR BARRIER OPTIONS**

System No.	Deck (4.1.2)	Primer	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
C-121.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB4-FBWB	-465.0
C-122.	Structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	N/A	None	None	FB4-FBWB	-1115.0
C-123.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB4-FBWB	-180.0
C-124.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB4-FBWB	-262.5
C-125.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G, or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	None	None	FB4-FBWB	-202.5
C-126.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB4-FBWB	-285.0
C-127.	Structural concrete	None	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB4-FBWB	-465.0
C-128.	Structural concrete	None	Min. 0.25-inch DensDeck Prime	PSFA, 6-inch o.c.	None	N/A	None	None	FB4-FBWB	-270.0
C-129.	Structural concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	N/A	None	None	FB4-FBWB	-1115.0
C-130.	Structural concrete	None	Min. 1.5-inch Trisotech, Trisotech G, Trisotech CGF or EnergyGuard Polyiso Insulation	LRFIA, LRFIA (BG), or PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime, SECUROCK Gypsum Fiber Roof Board, or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, LRFIA (BG), PSFA, 12-inch o.c.	None	None	FB4-FBWB	-270.0



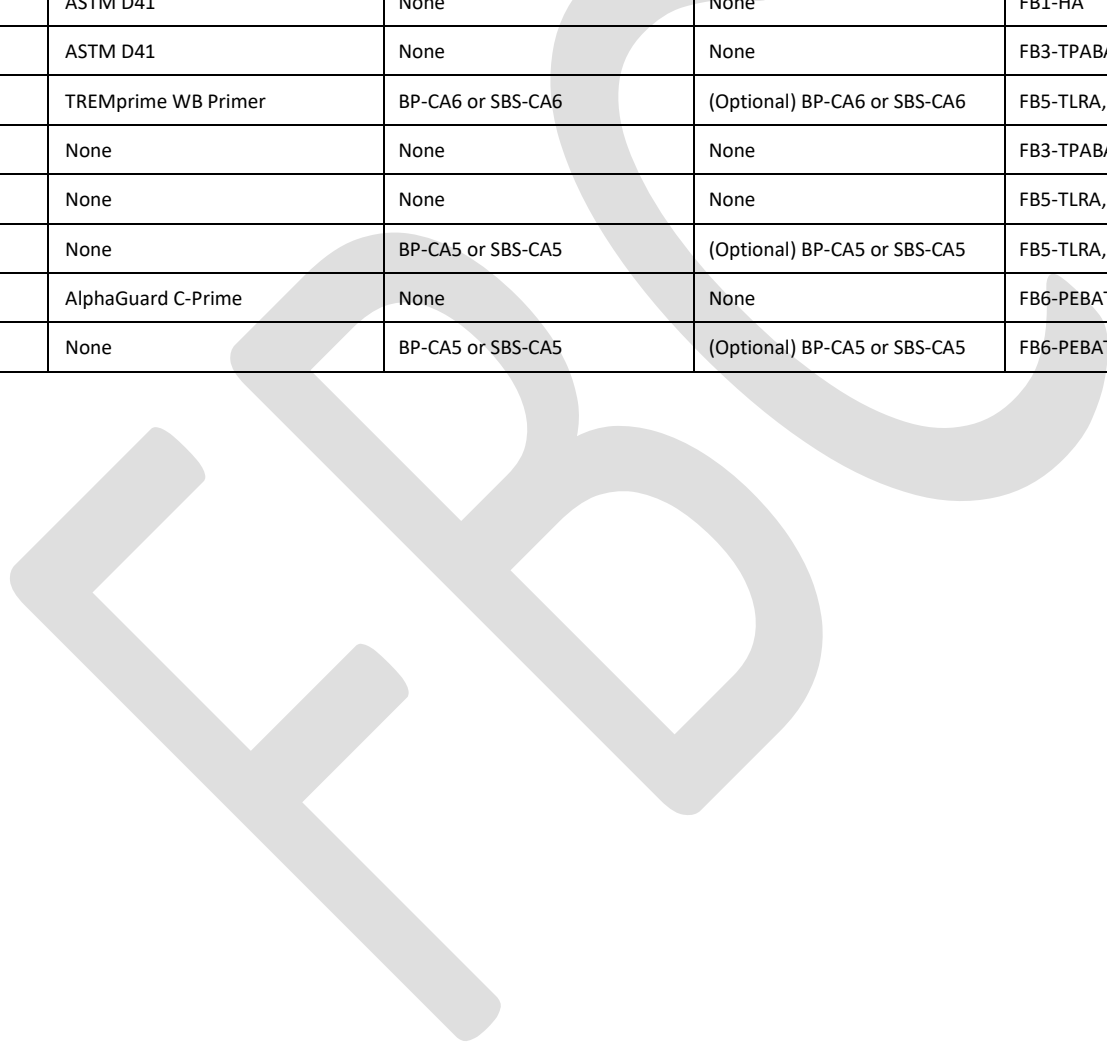
**TABLE 3B: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER**

System No.	Deck (4.1.2)	Insulation Layer (3.1.2, 4.2.3)		Roof Cover						MDP (psf)
		Type	Attach	Membrane	Fastener (4.2.3)	Fastener Spacing (inch o.c.)	Lap Width (inch)	Row Spacing (inch o.c.)	Seam Weld (inch)	
C-131.	Structural concrete	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	OMG CD-10 with OMG 2" Barbed Plastic Seam Plate or OMG 2 in. Barbed Seam Plate	6	6	72	2	-45.0
C-132.	Structural concrete	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #1410 Fastener or OMG CD-10 with OMG 2-3/8 in. XHD Barbed Seam Plate	12	5	73	1.5	-45.0
C-133.	Structural concrete	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	OMG CD-10 with OMG 2" Barbed Plastic Seam Plate or OMG 2 in. Barbed Seam Plate applied <u>through the roof cover</u> . A 6-inch wide strip of membrane is then heat-welded over the fastener rows.	6	2	96	2	-45.0
C-134.	Structural concrete	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #1410 Fastener or OMG CD-10 with OMG 2-3/4 in. Super XHD Barbed Seam Plate	12	6	114	2	-45.0
C-135.	Structural concrete	Min. 1.5-inch, one or more layers, any combination	Prelim. Attached	TPA	Tremco #1410 Fastener or OMG CD-10 with OMG 2-3/8 in. XHD Barbed Seam Plate	6	5	73	1.5	-60.0



**TABLE 3c: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Primer	Roof Cover (3.1.4)			MDP (psf)*
			Base Ply	Ply	Cap Ply	
C-136.	Structural concrete	ASTM D41	None	None	FB1-HA	-45.0
C-137.	Structural concrete	ASTM D41	None	None	FB3-TPABA	-45.0
C-138.	Structural concrete	TREMprime WB Primer	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-372.5
C-139.	Structural concrete	None	None	None	FB3-TPABA	-802.5
C-140.	Structural concrete	None	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-802.5
C-141.	Structural concrete	None	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-802.5
C-142.	Structural concrete	AlphaGuard C-Prime	None	None	FB6-PEBATF	-802.5
C-143.	Structural concrete	None	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-802.5





**TABLE 4A: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
CELCORE:										
TPA IN TPA BONDING ADHESIVE OR TPA LV SINGLE PLY BONDING ADHESIVE:										
LWC-1.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Pre-existent (re-roof only), min. 2-inch thick, min. 350 psi cellular lightweight concrete. Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-52.5
LWC-2.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-90.0
LWC-3.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA(BG), 12-inch o.c.	None	N/A	None	None	BB1-TPABA or BB2-TPALV	-210.0
LWC-4.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-240.0
TPA FB IN HOT ASPHALT OR THERMASTIC:										
LWC-5.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.5-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-90.0
LWC-6.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.5-inch DensDeck	LRFIA(BG), 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-120.0
LWC-7.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-180.0



**TABLE 4A: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
LWC-8.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.125-inch TremBoard AC, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-90.0
LWC-9.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.5-inch DensDeck	LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-120.0
LWC-10.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC	LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-165.0
LWC-11.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-AA or SBS-AA	(Optional) BP-AA or SBS-AA	FB1-HA or FB2-THERM	-180.0
LWC-12.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	N/A	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	FB2-THERM	-210.0
LWC-13.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	FB2-THERM	-240.0
TPA FB IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:										
LWC-14.	Min. 22 ga., type B, Grade 40 steel or structural concrete	Pre-existent (re-roof only), min. 2-inch thick, min. 350 psi cellular lightweight concrete. Repair LWC spalls with Celcore SBS (Sanded Bonding Surface)	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-52.5



**TABLE 4A: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
LWC-15.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB3-TPABA	-90.0
LWC-16.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB3-TPABA	-210.0
LWC-17.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA	-240.0
TPA FB IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):										
LWC-18.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	(Optional) additional layer(s) base insulation	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-37.5 (NO HVHZ)
LWC-19.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-30.0 (NO HVHZ)
LWC-20.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0
LWC-21.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0
LWC-22.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-210.0



**TABLE 4A: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
LWC-23.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-240.0
LWC-24.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.125-inch TremBoard AC	LRFIA, 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0
LWC-25.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
LWC-26.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-210.0
LWC-27.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-240.0
LWC-28.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.125-inch TremBoard AC	LRFIA, 12-inch o.c.	None	N/A	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-90.0
LWC-29.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC	LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0



**TABLE 4A: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
LWC-30.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	N/A	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-210.0
LWC-31.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-240.0
LWC-32.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	SBS-TA	None	FB5-TLRA, ribbons 4-inch o.c. or FB7-PSFA, spatter	-90.0
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:										
LWC-33.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB6-PEBATF	-90.0
LWC-34.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB6-PEBATF	-210.0
LWC-35.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-240.0
LWC-36.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-90.0



**TABLE 4A: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
LWC-37.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-165.0
LWC-38.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-210.0
LWC-39.	Structural concrete	Min. 300 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture; treated with Celcore PVA Curing Compound	Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-240.0



**TABLE 4B: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION(S), BONDED ROOF COVER**

Sys No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Anchor Sheet			Vapor Barrier (3.1.4)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (4.2.3)	Attach		Type	Attach (3.1.3)	Type	Attach	Base Ply	Ply	Cap Ply	
ELASTIZELL:														
TPA IN TPA BONDING ADHESIVE OR TPA LV SINGLE PLY BONDING ADHESIVE:														
LWC-1.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	Min. 370 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (min. 1.8" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-CA5 or SBS-CA5	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), ~10.5-inch o.c. (ribbons shall be over anchor sheet fastener rows)	Min. 0.5-inch DensDeck Prime or 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-45.0
LWC-2.	Min. 22 ga., type BV, Grade 80 steel; 6 ft span	Min. 430 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (min. 1.8" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at three (3), equally spaced, staggered center rows	(Optional) BP-CA5 or SBS-CA5	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), ~8-inch o.c. (ribbons shall be over anchor sheet fastener rows)	Min. 0.5-inch DensDeck Prime or 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 8-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-60.0
TPA FB IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:														
LWC-3.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	Min. 370 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (min. 1.8" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-CA5 or SBS-CA5	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), ~10.5-inch o.c. (ribbons shall be over anchor sheet fastener rows)	Min. 0.5-inch DensDeck Prime or 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-45.0
LWC-4.	Min. 22 ga., type BV, Grade 80 steel; 6 ft span	Min. 430 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (min. 1.8" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at three (3), equally spaced, staggered center rows	(Optional) BP-CA5 or SBS-CA5	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), ~8-inch o.c. (ribbons shall be over anchor sheet fastener rows)	Min. 0.5-inch DensDeck Prime or 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 8-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-60.0
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:														



**TABLE 4B: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION(S), BONDED ROOF COVER**

Sys No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Anchor Sheet			Vapor Barrier (3.1.4)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (4.2.3)	Attach		Type	Attach (3.1.3)	Type	Attach	Base Ply	Ply	Cap Ply	
LWC-5.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	Min. 370 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (min. 1.8" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-CA5 or SBS-CA5	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), ~10.5-inch o.c. (ribbons shall be over anchor sheet fastener rows)	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-45.0
LWC-6.	Min. 22 ga., type BV, Grade 80 steel; 6 ft span	Min. 430 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (min. 1.8" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at three (3), equally spaced, staggered center rows	(Optional) BP-CA5 or SBS-CA5	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), ~8-inch o.c. (ribbons shall be over anchor sheet fastener rows)	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 8-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-60.0
TPA FB IN HOT ASPHALT OR THERMASTIC 80:														
LWC-7.	Min. 22 ga., type BV, Grade 40 steel; 6 ft span	Min. 370 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (min. 1.8" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at two (2), equally spaced, staggered center rows	(Optional) BP-CA5 or SBS-CA5	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), ~10.5-inch o.c. (ribbons shall be over anchor sheet fastener rows)	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-45.0



**TABLE 4B: DECK WITH LIGHTWEIGHT CONCRETE – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION(S), BONDED ROOF COVER**

Sys No.	Deck (4.1.2)	Lightweight Concrete (3.1.2)	Anchor Sheet			Vapor Barrier (3.1.4)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (4.2.3)	Attach		Type	Attach (3.1.3)	Type	Attach	Base Ply	Ply	Cap Ply	
LWC-8.	Min. 22 ga., type BV, Grade 80 steel; 6 ft span	Min. 430 psi, Min. 2-inch thick, Elastizell Range III Cellular Concrete with Zell-Crete Fibers	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (min. 1.8" embed)	7-inch o.c. at 4-inch laps and 7-inch o.c. at three (3), equally spaced, staggered center rows	(Optional) BP-CA5 or SBS-CA5	Min. 1-inch Trisotech G, Trisotech CGF, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, RESISTA, Multi-Max FA3, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), ~8-inch o.c. (ribbons shall be over anchor sheet fastener rows)	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 8-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-60.0
PRE-EXISTENT CELLULAR LWC:														
TPA FB IN HOT ASPHALT OR THERMASTIC 80:														
LWC-9.	Min. 22 ga., type B, Grade 40 steel; 5 ft span	Min. 360 psi, min. 2-inch pre-existent cellular LWIC.	BURmastic Composite Ply HT	Trufast Versa Fastener & Plate; 2 screws per plate*	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced, center rows	(Optional) BP-CA5 or SBS-CA5	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Hot asphalt	0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-75.0
	Note:	*To qualify the LWIC under this assembly, field withdrawal resistance testing (4.2.3) shall yield minimum 67 lbf. Additional Versa-Fast Fastener within each Versa-Fast Plate may be utilized to produce minimum withdrawal resistance.												



**TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
TPA IN TPA BONDING ADHESIVE OR TPA LV SINGLE PLY BONDING ADHESIVE:									
CFW-1.	Min. 2-inch Tectum I Plank	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-112.5
CFW-2.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-222.5
CFW-3.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	N/A	None	None	BB1-TPABA or BB2-TPALV	-303.5
CFW-4.	Min. 2-inch Tectum I Plank	(Optional) Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-112.5
CFW-5.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 4-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-222.5
CFW-6.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	None	N/A	None	None	BB1-TPABA or BB2-TPALV	-303.5
TPA FB IN HOT ASPHALT OR THERMASTIC 80:									
CFW-7.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA-3	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-82.5
CFW-8.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G or EnergyGuard Polyiso Insulation	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-82.5
TPA FB IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):									
CFW-9.	Min. 2-inch Tectum I Plank	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-30.0 (NO HVHZ)
CFW-10.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	(Optional) additional layer(s) base insulation	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-37.5 (NO HVHZ)
CFW-11.	Min. 2-inch Tectum I Plank	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0



**TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
CWF-12.	Min. 2-inch Tectum I Plank	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-112.5
CWF-13.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-222.5
CWF-14.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-303.5
CWF-15.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA-3	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
CWF-16.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-222.5
CWF-17.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-303.5
CWF-18.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA-3	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
CWF-19.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-222.5
CWF-20.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	N/A	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-303.5
CWF-21.	Min. 2-inch Tectum I Plank	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 4-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-30.0 (NO HVHZ)
CWF-22.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 4-inch o.c.	(Optional) additional layer(s) base insulation	PSFA, 4-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-37.5 (NO HVHZ)



**TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
CWF-23.	Min. 2-inch Tectum I Plank	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	PSFA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 4-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0
CWF-24.	Min. 2-inch Tectum I Plank	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 6-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-112.5
CWF-25.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-222.5
CWF-26.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-303.5
CWF-27.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G or EnergyGuard Polyiso Insulation	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
CWF-28.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-222.5
CWF-29.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-303.5
CWF-30.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G or EnergyGuard Polyiso Insulation	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
CWF-31.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-222.5
CWF-32.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	None	N/A	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-303.5
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:									
CWF-33.	Min. 2-inch Tectum I Plank	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-112.5



**TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
CWF-34.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	None	FB6-PEBATF	-222.5
CWF-35.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	N/A	None	None	FB6-PEBATF	-303.5
CWF-36.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G, Trisotech, EnergyGuard Polyiso Insulation, H-Shield, ISO 95+ GL, Multi-Max FA-3	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5
CWF-37.	Min. 2-inch Tectum I Plank	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5
CWF-38.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-222.5
CWF-39.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 4-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-303.5
CWF-40.	Min. 2-inch Tectum I Plank	(Optional) Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	None	None	FB6-PEBATF	-112.5
CWF-41.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	None	None	FB6-PEBATF	-222.5
CWF-42.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	None	N/A	None	None	FB6-PEBATF	-303.5
CWF-43.	Min. 2-inch Tectum I Plank	One or more layers, min. 1-inch Trisotech G or EnergyGuard Polyiso Insulation	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-82.5
CWF-44.	Min. 2-inch Tectum I Plank	(Optional) Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-112.5



**TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
CWF-45.	Min. 2-inch Tectum I Plank	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-222.5
CWF-46.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 4-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-303.5





**TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Anchor Sheet			Vapor Barrier (3.1.4)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fasten (4.2.3)	Attach		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
TPA IN TPA BONDING ADHESIVE OR TPA LV SINGLE PLY BONDING ADHESIVE:													
CWF-47.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-CA5 or SBS-CA5	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-75.0
TPA FB IN TPA BONDING ADHESIVE OR TREMCO FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:													
CWF-48.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-CA5 or SBS-CA5	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-75.0
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:													
CWF-49.	Min. 2-inch Tectum I Plank	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (min. 1.8-inch embed)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-CA5 or SBS-CA5	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB6-PEBATF	-75.0



**TABLE 5c: CEMENTITIOUS WOOD FIBER DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (4.2.3)	Attach	Base Ply	Ply	Cap Ply	
TPA IN TPA BONDING ADHESIVE:									
CWF-50.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 134 lbf	1 per 1.8 ft ²	None	None	BB1-TPABA	-37.5* (NO HVHZ)
CWF-51.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 120 lbf	1 per 1.3 ft ²	None	None	BB1-TPABA	-45.0*
CWF-52.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal \geq 180 lbf	1 per 2.0 ft ²	None	None	BB1-TPABA	-45.0*
TPA IN TPA LV SINGLE PLY BONDING ADHESIVE:									
CWF-53.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 134 lbf	1 per 1.8 ft ²	None	None	BB2-TPALV	-37.5* (NO HVHZ)
CWF-54.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 120 lbf	1 per 1.3 ft ²	None	None	BB2-TPALV	-45.0*
CWF-55.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal \geq 180 lbf	1 per 2.0 ft ²	None	None	BB2-TPALV	-45.0*
TPA FB IN HOT ASPHALT:									
CWF-56.	Existing min. 2-inch Tectum	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 134 lbf	1 per 1.8 ft ²	None	None	FB1-HA	-37.5* (NO HVHZ)
CWF-57.	Existing min. 2-inch Tectum	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 120 lbf	1 per 1.3 ft ²	None	None	FB1-HA	-45.0*
CWF-58.	Existing min. 2-inch Tectum	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal \geq 180 lbf	1 per 2.0 ft ²	None	None	FB1-HA	-45.0*
TPA FB IN TPA BONDING ADHESIVE:									
CWF-59.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 134 lbf	1 per 1.8 ft ²	None	None	FB3-TPABA	-37.5* (NO HVHZ)
CWF-60.	Existing min. 2-inch Tectum	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 0.5-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 134 lbf	1 per 1.8 ft ²	None	None	FB3-TPABA	-37.5* (NO HVHZ)
CWF-61.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 120 lbf	1 per 1.3 ft ²	None	None	FB3-TPABA	-45.0*
CWF-62.	Existing min. 2-inch Tectum	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 0.5-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 120 lbf	1 per 1.3 ft ²	None	None	FB3-TPABA	-45.0*



**TABLE 5c: CEMENTITIOUS WOOD FIBER DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation (3.1.2, 4.2.3)	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (4.2.3)	Attach	Base Ply	Ply	Cap Ply	
CWF-63.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal ≥ 180 lbf	1 per 2.0 ft ²	None	None	FB3-TPABA	-45.0*
CWF-64.	Existing min. 2-inch Tectum	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 0.5-inch Structodek HD with Primed Red Coating	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal ≥ 180 lbf	1 per 2.0 ft ²	None	None	FB3-TPABA	-45.0*
TPA FB IN FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:									
CWF-65.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal ≥ 134 lbf	1 per 1.8 ft ²	None	None	FB4-FBWB	-37.5* (NO HVHZ)
CWF-66.	Existing min. 2-inch Tectum	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal ≥ 134 lbf	1 per 1.8 ft ²	None	None	FB4-FBWB	-37.5* (NO HVHZ)
CWF-67.	Existing min. 2-inch Tectum	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal ≥ 150 lbf	1 per 2.0 ft ²	None	None	FB4-FBWB	-37.5* (NO HVHZ)
CWF-68.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal ≥ 120 lbf	1 per 1.3 ft ²	None	None	FB4-FBWB	-45.0*
CWF-69.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal ≥ 180 lbf	1 per 2.0 ft ²	None	None	FB4-FBWB	-45.0*
CWF-70.	Existing min. 2-inch Tectum	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal ≥ 360 lbf	1 per 4.0 ft ²	None	None	FB4-FBWB	-45.0*



**TABLE 6A: GYPSUM DECK – REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2, 4.2.3)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
TPA IN TPA BONDING ADHESIVE OR TPA LV SINGLE PLY BONDING ADHESIVE:									
G-1.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	None	None	BB1-TPABA or BB2-TPALV	-162.5
G-2.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-200.0
G-3.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	N/A	None	None	BB1-TPABA or BB2-TPALV	-162.5
G-4.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-200.0
TPA FB IN HOT ASPHALT OR THERMASTIC 80:									
G-5.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-165.0
G-6.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-180.0
G-7.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-165.0
G-8.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-180.0
TPA FB IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):									
G-9.	Existing gypsum deck	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-30.0 (NO HVHZ)
G-10.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	(Optional) additional layer(s) base insulation	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-37.5 (NO HVHZ)
G-11.	Existing gypsum deck	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0



**TABLE 6A: GYPSUM DECK – REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2, 4.2.3)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
G-12.	Existing gypsum deck	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-112.5
G-13.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-162.5
G-14.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech or H-Shield	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-200.0
G-15.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-157.5
G-16.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
G-17.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-202.5
G-18.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-157.5
G-19.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
G-20.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-202.5
G-21.	Existing gypsum deck	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-30.0 (NO HVHZ)
G-22.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	(Optional) additional layer(s) base insulation	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c.	-37.5 (NO HVHZ)
G-23.	Existing gypsum deck	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-75.0
G-24.	Existing gypsum deck	(Optional) Min. 1.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c.	-112.5



**TABLE 6A: GYPSUM DECK – REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2, 4.2.3)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
G-25.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	N/A	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-162.5
G-26.	Existing gypsum deck	Min. 1.5-inch Trisotech G	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-200.0
G-27.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-157.5
G-28.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
G-29.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-202.5
G-30.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-157.5
G-31.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
G-32.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-202.5
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:									
G-33.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	None	None	FB6-PEBATF	-162.5
G-34.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-200.0
G-35.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-157.5



**TABLE 6A: GYPSUM DECK – REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2, 4.2.3)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
G-36.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-162.5
G-37.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-165.0
G-38.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-200.0
G-39.	Existing gypsum deck	Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-202.5
G-40.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	N/A	None	None	FB6-PEBATF	-162.5
G-41.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-200.0
G-42.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-157.5
G-43.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	N/A	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-162.5
G-44.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-165.0
G-45.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF or Trisotech	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-200.0
G-46.	Existing gypsum deck	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-202.5



TABLE 6B: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF) OR RECOVER

SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Anchor Sheet			Primer or Vapor Barrier (3.1.4)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fasten (4.2.3)	Attach		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
TPA IN TPA BONDING ADHESIVE OR TPA LV SINGLE PLY BONDING ADHESIVE:													
G-47.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREMprime WB primer	Min. 1.5-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-45.0*
G-48.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	BP-CA5 or SBS-CA5	Min. 1.5-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-45.0*
G-49.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-CA5 or SBS-CA5	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-75.0
TPA FB IN TPA BONDING ADHESIVE, FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE OR POWERPLY ENDURE BIO ADHESIVE TF:													
G-50.	Existing gypsum deck	BURmastic Glass Ply, BURmastic Glass Ply – 28lb, BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	TREMprime WB primer	Min. 1.5-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA, FB4-FBWB, or FB6-PEBATF	-45.0*



**TABLE 6B: EXISTING GYPSUM DECKS – REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Anchor Sheet			Primer or Vapor Barrier (3.1.4)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf)
		Type	Fasten (4.2.3)	Attach		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
G-51.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (Field W/D > 90 lbf)	9-inch o.c. at 4-inch lap and 18-inch o.c. at two (2), equally spaced, staggered center rows	BP-CA5 or SBS-CA5	Min. 1.5-inch Trisotech G, Trisotech CGF, EnergyGuard Polyiso Insulation, Trisotech, H-Shield, ISO 95+ GL, Multi-Max FA3, RESISTA, Ultra-Max or Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA, FB4-FBWB, or FB6-PEBATF	-45.0*
G-52.	Existing gypsum deck	BURmastic Composite Ply HT or BURmastic Composite Ply Premium	Tremco Twin Loc-Nail Assembled Fastener (Field W/D > 67 lbf)	6-inch o.c. at 4-inch laps and 12-inch o.c. at four (4), equally spaced center rows	(Optional) BP-CA5 or SBS-CA5	(Optional) Min. 1.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	None	None	FB3-TPABA, FB4-FBWB, or FB6-PEBATF	-75.0



**TABLE 6c: GYPSUM DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (4.2.3)	Attach	Base Ply	Ply	Cap Ply	
TPA IN TPA BONDING ADHESIVE:									
G-53.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 134 lbf	1 per 1.8 ft ²	None	None	BB1-TPABA	-37.5* (NO HVHZ)
G-54.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 120 lbf	1 per 1.3 ft ²	None	None	BB1-TPABA	-45.0*
G-55.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal \geq 180 lbf	1 per 2.0 ft ²	None	None	BB1-TPABA	-45.0*
TPA IN TPA LV SINGLE PLY BONDING ADHESIVE:									
G-56.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 134 lbf	1 per 1.8 ft ²	None	None	BB2-TPALV	-37.5* (NO HVHZ)
G-57.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 120 lbf	1 per 1.3 ft ²	None	None	BB2-TPALV	-45.0*
G-58.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech or Trisotech G	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal \geq 180 lbf	1 per 2.0 ft ²	None	None	BB2-TPALV	-45.0*
TPA FB IN HOT ASPHALT:									
G-59.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 134 lbf	1 per 1.8 ft ²	None	None	FB1-HA	-37.5* (NO HVHZ)
G-60.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 120 lbf	1 per 1.3 ft ²	None	None	FB1-HA	-45.0*
G-61.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal \geq 180 lbf	1 per 2.0 ft ²	None	None	FB1-HA	-45.0*
TPA FB IN TPA BONDING ADHESIVE:									
G-62.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 134 lbf	1 per 1.8 ft ²	None	None	FB3-TPABA	-37.5* (NO HVHZ)
G-63.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 0.5-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 134 lbf	1 per 1.8 ft ²	None	None	FB3-TPABA	-37.5* (NO HVHZ)
G-64.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 120 lbf	1 per 1.3 ft ²	None	None	FB3-TPABA	-45.0*
G-65.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 0.5-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal \geq 120 lbf	1 per 1.3 ft ²	None	None	FB3-TPABA	-45.0*



**TABLE 6c: GYPSUM DECKS – REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation	Top Insulation			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (4.2.3)	Attach	Base Ply	Ply	Cap Ply	
G-66.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal ≥ 180 lbf	1 per 2.0 ft ²	None	None	FB3-TPABA	-45.0*
G-67.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 0.5-inch Structodek HD with Primed Red Coating	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal ≥ 180 lbf	1 per 2.0 ft ²	None	None	FB3-TPABA	-45.0*
TPA FB IN FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:									
G-68.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal ≥ 134 lbf	1 per 1.8 ft ²	None	None	FB4-FBWB	-37.5* (NO HVHZ)
G-69.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal ≥ 134 lbf	1 per 1.8 ft ²	None	None	FB4-FBWB	-37.5* (NO HVHZ)
G-70.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	Tremco Twin Loc-Nail Assembled Fastener (min. 1-inch embedment); Withdrawal ≥ 120 lbf	1 per 1.3 ft ²	None	None	FB4-FBWB	-45.0*
G-71.	Existing gypsum deck	Min. 1.5-inch Trisotech G, Trisotech, ISO 95+ GL, Multi-Max FA-3	Min. 1-inch Structodek HD with Primed Red Coating	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal ≥ 150 lbf	1 per 2.0 ft ²	None	None	FB4-FBWB	-37.5* (NO HVHZ)
G-72.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch Trisotech G, Trisotech CGF	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal ≥ 180 lbf	1 per 2.0 ft ²	None	None	FB4-FBWB	-45.0*
G-73.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech G, Trisotech CGF, Trisotech, ISO 95+ GL	OMG Polymer Gyptec Fastener (min. 2-inch embedment) with Polymer Gyptec Metal Plate; Withdrawal ≥ 360 lbf	1 per 4.0 ft ²	None	None	FB4-FBWB	-45.0*
TPA FB IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):									
G-74.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco Twin Loc-Nail Assembled Fastener (minimum withdrawal resistance at slated embedment ≥ 140 lbf)	1 per 1.3 ft ²	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-52.5
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:									
G-75.	Existing gypsum deck	(Optional) One or more layers, any combination, loose laid	Min. 2-inch Trisotech G, Trisotech CGF or Trisotech	Tremco Twin Loc-Nail Assembled Fastener (minimum withdrawal resistance at slated embedment ≥ 140 lbf)	1 per 1.3 ft ²	None	None	FB6-PEBATF	-52.5



TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop the substrate, irrespective of the deck type (See Section 4.1.2) or performance of the substrate (See Section 4.2.3). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (4.1.2, 4.2.3)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
TPA IN TPA BONDING ADHESIVE OR TPA LV SINGLE PLY BONDING ADHESIVE:									
R-1	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-142.5
R-2	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA(BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-187.5
R-3	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-262.5
R-4	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-285.0
R-5	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-262.5
R-6	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	BB1-TPABA or BB2-TPALV	-285.0
TPA FB IN HOT ASPHALT OR THERMASTIC:									
R-7	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch Trisotech G	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.5-inch DensDeck	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-120.0
R-8	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch Trisotech G	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-157.5
R-9	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch Trisotech G	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.5-inch DensDeck	LRFIA or LRFIA (BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-120.0
R-10	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch Trisotech G	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-157.5
R-11	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch Trisotech G	PSFA, 12-inch o.c.	Min. 0.5-inch DensDeck	PSFA, 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-120.0
R-12	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch Trisotech G	PSFA, 12-inch o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB1-HA or FB2-THERM	-157.5



TABLE 7A: RECOVER APPLICATIONS

SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop the substrate, irrespective of the deck type (See Section 4.1.2) or performance of the substrate (See Section 4.2.3). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (4.1.2, 4.2.3)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
R-13	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch Trisotech G	PSFA, 12-inch o.c.	Min. 0.5-inch DensDeck	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-120.0
R-14	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch Trisotech G	PSFA, 12-inch o.c.	Min. 0.5-inch SEUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	(Optional) BP-AA, SBS-AA, BP-SEBS or SBS-SEBS	FB1-HA or FB2-THERM	-157.5
TPA FB IN TPA BONDING ADHESIVE OR FLEECE BACKED WB SINGLE PLY BONDING ADHESIVE:									
R-15	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SEUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-142.5
R-16	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SEUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-187.5
R-17	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-262.5
R-18	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch SEUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB3-TPABA or FB4-FBWB	-285.0
R-19	Existing fully-adhered asphaltic BUR or mineral surface cap sheet	Min. 0.5-inch Structodek HD with Primed Red Coating	Hot asphalt	None	N/A	None	None	FB3-TPABA	-45.0
TPA FB IN TREMCO LR ADHESIVE (RIBBONS) OR TREMCO PSF ADHESIVE (SPATTER):									
R-20	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel or smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SEUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c. or FB7-PSFA, spatter	-30.0 (NO HVHZ)
R-21	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel or smooth-surface or granule-surface BUR or SBS modified bitumen	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	(Optional) additional layer(s) base insulation	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c. or FB7-PSFA, spatter	-37.5 (NO HVHZ)



TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop the substrate, irrespective of the deck type (See Section 4.1.2) or performance of the substrate (See Section 4.2.3). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (4.1.2, 4.2.3)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
R-22	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel or smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-75.0
R-23	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-142.5
R-24	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-187.5
R-25	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
R-26	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
R-27	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel or smooth-surface or granule-surface BUR or SBS modified bitumen	Optional min. 1-inch Trisotech G, Trisotech CGF or Trisotech followed by R-50 Insulation Systems "RICH-E-BOARD"	LRFIA or LRFIA(BG), 6-inch o.c.	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 6-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-82.5
R-28	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-142.5



TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop the substrate, irrespective of the deck type (See Section 4.1.2) or performance of the substrate (See Section 4.2.3). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (4.1.2 , 4.2.3)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
R-29	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
R-30	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
R-31	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate or min. 1-inch Atlas ThermalStar Type II	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-187.5
R-32	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, H-Shield, Multi-Max FA3, RESISTA or Ultra-Max or min. 1-inch Styrofoam Brand Roofmate, Highload 60 or Plazamate	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
R-33	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	Min. 1-inch Atlas ThermalStar Type II	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board, min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
R-34	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-142.5



TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop the substrate, irrespective of the deck type (See Section 4.1.2) or performance of the substrate (See Section 4.2.3). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (4.1.2 , 4.2.3)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
R-35	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA(BG), 12-inch o.c.	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
R-36	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.5-inch Structodek HD with Primed Red Coating	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
R-37	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-187.5
R-38	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
R-39	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF, Trisotech, RESISTA	LRFIA or LRFIA(BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	LRFIA or LRFIA(BG), 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
R-40	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	SBS-TA	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-142.5
R-41	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	SBS-TA	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-180.0
R-42	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel or smooth-surface or granule-surface BUR or SBS modified bitumen	Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA (BG), 12-inch o.c.	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA (BG), 12-inch o.c.	SBS-TA	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-180.0



TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop the substrate, irrespective of the deck type (See Section 4.1.2) or performance of the substrate (See Section 4.2.3). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (4.1.2 , 4.2.3)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
R-43	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c. or FB7-PSFA, spatter	-30.0 (NO HVHZ)
R-44	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	(Optional) additional layer(s) base insulation	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 12-inch o.c. or FB7-PSFA, spatter	-37.5 (NO HVHZ)
R-45	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 6-inch o.c. or FB7-PSFA, spatter	-75.0
R-46	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
R-47	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-285.0
R-48	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
R-49	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5
R-50	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.125-inch TremBoard AC or min. 0.5-inch Structodek HD with Primed Red Coating	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-165.0
R-51	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA6 or SBS-CA6	(Optional) BP-CA6 or SBS-CA6	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-262.5



TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop the substrate, irrespective of the deck type (See Section 4.1.2) or performance of the substrate (See Section 4.2.3). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (4.1.2, 4.2.3)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
R-52	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	Min. 0.5-inch Trisotech G or Trisotech CGF or Trisotech	PSFA, 12-inch o.c.	Insulation: (Optional) Additional layer(s) base insulation Coverboard: Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	SBS-TA	None	FB5-TLRA, 4-inch o.c. or FB7-PSFA, spatter	-180.0
TPA FB IN POWERPLY ENDURE BIO ADHESIVE TF:									
R-53	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	None	None	FB6-PEBATF	-142.5
R-54	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	None	None	FB6-PEBATF	-187.5
R-55	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB6-PEBATF	-262.5
R-56	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	None	None	FB6-PEBATF	-285.0
R-57	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-142.5
R-58	Gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA(BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA(BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-187.5
R-59	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch DensDeck Prime	LRFIA or LRFIA (BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-262.5
R-60	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G, Trisotech CGF or Trisotech	LRFIA or LRFIA (BG), 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	LRFIA or LRFIA (BG), 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-285.0
R-61	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-262.5



TABLE 7A: RECOVER APPLICATIONS

SYSTEM TYPE A-1: BONDED INSULATION(S), BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop the substrate, irrespective of the deck type (See Section 4.1.2) or performance of the substrate (See Section 4.2.3). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (4.1.2 , 4.2.3)	Base Insulation		Top Insulation		Roof Cover (3.1.4)			MDP (psf) ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
R-62	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	None	None	FB6-PEBATF	-285.0
R-63	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-262.5
R-64	Existing smooth-surface or granule-surface BUR or SBS modified bitumen	(Optional) Min. 0.5-inch Trisotech G or Trisotech CGF	PSFA, 12-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	PSFA, 12-inch o.c.	BP-CA5 or SBS-CA5	(Optional) BP-CA5 or SBS-CA5	FB6-PEBATF	-285.0





TABLE 7B: STEEL - RECOVER

SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER

(All areas where the existing metal panels do not lay flush on the underlying purlin shall have a 0.25-inch diameter pilot hole pre-drilled into the panel prior to driving the Purlin Fastener into the purlin.)

System No.	Substrate (4.1.2)	Insulation Layer	Attachment		Roof Cover (3.1.4)	MDP (psf)
			Fastener (4.2.3)	Spacing		
R-65	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, preliminarily fastened	Dekfast DF-#12-PC-SQ3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate are fastened through to purlins	12-inch o.c. along purlins	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-45.0
R-66	Existing standing seam or lap seam metal roof covers having min. 14 gauge (0.075 inch), 50 ksi steel purlins spaced max. 72-inch o.c.	One or more layers, any combination, preliminarily fastened	Dekfast DF-#12-PC-SQ3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate are fastened through to purlins	12-inch o.c. along purlins	Min. 80-mil Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-52.5
R-67	Existing standing seam or lap seam metal roof covers having min. 14 gauge (0.075 inch), 50 ksi steel purlins spaced max. 72-inch o.c.	One or more layers, any combination, preliminarily fastened	Dekfast DF-#12-PC-SQ3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate are fastened through to purlins	6-inch o.c. along purlins	Min. 80-mil Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-82.5
R-68	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, preliminarily fastened	Dekfast DF-#12-PC-SQ3 with SFS <i>isoweld</i> ® F1-P-6.8-PVC Plate are fastened through to purlins	6-inch o.c. along purlins	Tremco TPA induction-welded with SFS <i>isoweld</i> ® 3000 tool.	-90.0



TABLE 7c: STEEL - RECOVER

SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER

(All areas where the existing metal panels do not lay flush on the underlying purlin shall have a 0.25-inch diameter pilot hole pre-drilled into the panel prior to driving the Purlin Fastener into the purlin.)

System No.	Deck (4.1.2)	Insulation (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.3)	Attachment	
R-69	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 in.), 50 ksi steel purlins spaced max. 73-inch o.c.	One or more layers, any combination	Prelim. attached	TPA	Trufast #12 Purlin Fastener with Trufast 2.4" Barbed Metal Seam Plate	18-inch o.c. within min. 5-inch wide laps spaced max. 73-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-30.0 (NO HVHZ)
R-70	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 in.), 50 ksi steel purlins spaced max. 73-inch o.c.	One or more layers, any combination	Prelim. attached	TPA	Trufast #12 Purlin Fastener with Trufast 2.4" Barbed Metal Seam Plate	12-inch o.c. within min. 5-inch wide laps spaced max. 73-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-45.0
R-71	Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 in.), 50 ksi steel purlins spaced max. 73-inch o.c.	One or more layers, any combination	Prelim. attached	TPA	Trufast #12 Purlin Fastener with Trufast 2.4" Barbed Metal Seam Plate	6-inch o.c. within min. 5-inch wide laps spaced max. 73-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-60.0

