



NEMO EVALUATIONS REPORT

Report No.: NER-SMN-001.R6
Revision 6: 2026-02-11
Page 1 of 117

Seaman Corporation
FL4930-R27

Nemo|cert.

353 Christian Street, Unit 12b
Oxford, CT 06478
(475) 888-CERT (2378)
www.nemocert.com

INSPECT

CERTIFY

EVALUATE

VALIDATE

QUALIFY

NEMO EVALUATION REPORT (NER)



Seaman Corporation
1000 Venture Blvd.
Wooster, OH 44691
(800) 927-8578

SUBJECT: FiberTite 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.](#)

CODES: 2018 International Building Code TDI [Third-Party Evaluation Report](#) acceptance
2023 Florida Building Code, 8th Edition

JURISDICTION: Non-HVHZ and HVHZ

CATEGORY: **FBC:** Roofing **NEMO:** Single Ply

SUB-CATEGORY: **FBC:** Single Ply Roof Systems

CSI DIVISION: 07 00 00 Thermal and Moisture Protection
07 54 00 Thermoplastic Membrane Roofing
07 54 16 Ketone Ethylene Ester Roofing

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

COMPLIANCE STATEMENT: **FiberTite Roof Systems**, as produced by **Seaman Corporation**, have demonstrated compliance with [2020 ICC 500](#) and [2023 ANSI/ICC 500](#) ICC/NSSA Standard for the Design and Construction of Storm Shelters requirements for use on hurricane shelters and 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/or 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 has not, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
✓ 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.





NEMO EVALUATIONS REPORT

Report No.: NER-SMN-001.R6
Revision 6: 2026-02-11

Seaman Corporation
FL4930-R27



NEMO|cert.® Page 2 of 117

1. CODES, PROPERTIES AND STANDARDS:

Code	Section	Property	Standard
2018 International Building Code	202, 423.1	Impact resistance	ICC 500
	1504.3.1	Wind resistance	FM 4474 or UL1897
	1504.6	Physical properties	ASTM G154 or ASTM G155
	1504.7	Impact resistance	FM 4470
	1505.1	Fire classification	UL 790
	1507.11.2	Material standard	ASTM D6163, D6164
	1507.13.2	Material standard	ASTM D6754
2023 Florida Building Code, 8 th Edition	202, 423.1, 453.25.4	Impact resistance	ICC 500
	1504.3.1	Wind resistance	FM 4474
	1504.3.1	Wind resistance	UL 1897
	1504.6	Physical properties	ASTM G154
	1504.6	Physical properties	ASTM G155
	1504.7	Impact resistance	FM 4470
	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 D6754
	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 1A: EVALUATED FIBERTITE MEMBRANES (NEMO Certified. Consult Directory of Certified Products for production location(s))				
TYPE	PRODUCT		MATERIAL STANDARD	
	NAME	THICKNESS	REFERENCE	TYPE
ROOF COVER	FiberTite	36-mil	ASTM D6754	N/A
	FiberTite-SM	45, 60-mil	ASTM D6754	N/A
	FiberTite-XT	50, 60-mil	ASTM D6754	N/A
	FiberTite-Xtreme	60-mil	ASTM D6754	N/A
ROOF COVER OR CAP PLY	FiberTite-FB	36-mil	ASTM D6754	N/A
	FiberTite-SM FB	45, 60-mil	ASTM D6754	N/A
	FiberTite-XT FB	50, 60-mil	ASTM D6754	N/A
	FiberTite-Xtreme FB	60-mil	ASTM D6754	N/A
VAPOR BARRIER OR BASE PLY	FiberTite VBX		N/A	N/A

TABLE 1B: EVALUATED FIBERTITE ACCESSORIES (Contact contact@nemocert.com for production location(s) of non-Certified products)			
TYPE	PRODUCT	MATERIAL STANDARD	
		REFERENCE	TYPE
VAPOR BARRIER OR BASE PLY	FTR SBS Poly 3.0	ASTM D6164	I
	FTR SBS Poly 3.7	ASTM D6164	I
	FTR SBS Poly 4.0	ASTM D6164	I



NEMO EVALUATIONS REPORT

Report No.: NER-SMN-001.R6
Revision 6: 2026-02-11

Seaman Corporation
FL4930-R27



TABLE 2: COMPONENTS BY OTHERS (4.1.4)				
(Refer to NOA if listed version was superseded to ensure use of latest version)				
TYPE	FIBERTITE PRODUCT	ACCEPTABLE ALTERNATE	FBC	NOA
ROOFING FASTENERS & PLATES	FiberTite #12	Dekfast DF-#12-PH3	FL20311	22-0913.02
	FiberTite #14	Dekfast DF-#14-PH3	FL20311	22-0913.02
	FiberTite Magnum Fastener	Dekfast DF-#15-PH3	FL20311	22-0913.02
	FiberTite Magnum-Plus Plate	Dekfast PLT-O2-3/4-12B	FL20311	22-0913.02
	FTR Magnum2S	Dekfast PLT-R-2-3/8-6B	FL20311	22-0913.02
	FiberTite 3-in Steel Plate	Dekfast PLT-R-3	FL20311	22-0913.02
	FTR-IW isoweld	<i>isoweld</i> F1-P-6.8-PVC	FL20311	22-0913.02
	FiberTite Magnum Stress Plate	Dekfast PLT-O-2-1/2-8B	N/A	N/A
	N/A	Dekfast PTL-R-2-4B	FL20311	22-0913.02
	N/A	Dekfast PLT-H-2-7/8	FL20311	22-0913.02
	N/A	Dekfast DF-#12-PC-SQ3	FL20311	N/A
	N/A	SFS FI-P-16.0-PVC	N/A	N/A
	N/A	SFS FI-R-20 ²	N/A	N/A
	FTR Magnum O Fastener	OMG XHD	FL699	24-0627.03
	FTR Retro-Driller	OMG RhinoBond (Retro) Driller	FL699	24-0627.03
	N/A	OMG #12 Standard	FL699	24-0627.03
	N/A	OMG Heavy Duty	FL699	24-0627.03
	N/A	OMG CD-10	FL699	24-0627.03
	N/A	OMG Polymer GypTec Fastener	FL699	24-0627.03
	N/A	OMG 3" Galvalume Steel Plate	FL699	24-0627.03
	N/A	OMG AccuTrac Flat Bottom Plate	FL699	24-0627.03
	N/A	OMG Polymer GypTec Plate 2" with barbs	FL699	24-0627.03
	N/A	OMG RhinoBond Insulation Plate (PVC)	FL699	24-0627.03
	N/A	OMG RhinoBond TreadSafe Plate (PVC)	FL699	24-0627.03
	N/A	OMG RhinoBond TreadSafe Insert ¹	N/A	N/A
	N/A	Trufast ¼" Concrete Spike	FL4500	N/A
	N/A	Trufast TL Fastener	FL4500	25-0129.08
	N/A	Trufast Versa-Fast Fasteners	FL4500	25-0129.08
	N/A	Trufast #12 DP Fastener	FL4500	25-0129.08
	FTR PurlinT Fastener	Trufast #12 Purlin Fastener	FL4500	25-0129.08
	FTR #14T	Trufast #14 HD Fastener	FL4500	25-0129.08
	FTR MagnumT Fastener	Trufast #15 EHD Fastener	FL4500	25-0129.08
FiberTite FTR Magnum-R275	Trufast 2-3/4" Barbed Metal Seam Plate (EHD)	FL4500	N/A	
FTR IPM T	Trufast 3" Metal Insulation Plate	FL4500	25-0129.08	
N/A	Trufast Versa-Fast Metal Plate	FL4500	25-0129.08	
N/A	Trufast 2" TL Seam Plate	N/A	25-0129.08	

¹ When using OMG RhinoBond TreadSafe Insert or SFS FI-R-20 insert tube, the insulation shall be of sufficient thickness to accommodate the length of the insert/sleeve without damage thereto during installation.



NEMO EVALUATIONS REPORT

Report No.: NER-SMN-001.R6
 Revision 6: 2026-02-11

Seaman Corporation

FL4930-R27



ACCREDITED
 Product Certification
 Agency

ISO/IEC 17065

PCA-145

TABLE 2: COMPONENTS BY OTHERS (4.1.4)				
(Refer to NOA if listed version was superseded to ensure use of latest version)				
TYPE	FIBERTITE PRODUCT	ACCEPTABLE ALTERNATE	FBC	NOA
INSULATIONS	FTR-Value A	ACFoam-II	FL17989	24-1120.02
	FTR-Value-III-A	ACFoam-III	FL17989	24-1120.02
	FTR-Value H	H-Shield	FL5968	24-1021.04
	FTR-Value H Glass Facer	H-Shield CG	FL5968	24-1021.04
	FTR-Value	ENRGY 3	FL4205	24-0610.04
	N/A	Insulfoam IX	FL29563	24-1015.10
	N/A	DensDeck	FL1250	22-1223.04
	N/A	DensDeck Prime / DensDeck StormX Prime	FL1250	22-1223.04
	N/A	DEXcell FA Glass Mat Roof Board	FL17840	25-0722.11
	N/A	DEXcell Cement Roof Board	FL17840	25-0722.11
	N/A	SECUROCK Gypsum-Fiber Roof Board	FL4264	25-1017.02
	N/A	SECUROCK Cement Roof Board	FL4264	25-1017.02
	N/A	Celcore Cellular Concrete	FL2037	24-0906.02
	N/A	Concrecel Lightweight Insulating Concrete	FL5584	21-1229.06
	N/A	Elastizell Lightweight Insulating Concrete	N/A	23-0817.05
N/A	Mearlcrete	FL13492	24-0514.06	
ADHESIVES	FTR-190e	N/A	N/A	25-0722.06
	FTR-290	N/A	N/A	25-0722.06
	FTR-390	N/A	N/A	25-0722.06
	FTR-490	N/A	N/A	25-0722.06
	FTR SBS Adhesive	N/A	N/A	25-0722.06
	Alpha-Tite Bonding Adhesive	N/A	N/A	N/A
	FTR 601	Millennium One Step Foamable Adhesive	FL1800	25-0417.03
	FTR-601 PG	Millennium PG-1 Pump Grade Adhesive	FL1800	25-0417.03
	FTR-601 ECO	Millennium PG-1 EF ECO	FL1800	25-0417.03
	N/A	OlyBond 500	FL1608	24-0422.18
	N/A	Polysset Commercial Roof Adhesive	FL1365	23-0718.11
PRIMERS	FTR SA Primer	ELASTOCOL Stick Zero	FL9779	23-1130.04
	N/A	ELASTOCOL Stick	FL9779	23-1130.04
	N/A	TruGround Conductive Primer	N/A	N/A
ROLL GOODS	VaporTite	SOPRAVAP'R	N/A	24-0610.08
	FTR SBS Poly SA	SOPRALENE Stick	FL3915	24-1003.03
	N/A	BlockShield SA Plus	FL46829	N/A
	N/A	SlopeShield Plus SA	FL46829	N/A



NEMO EVALUATIONS REPORT

Report No.: NER-SMN-001.R6
 Revision 6: 2026-02-11

Seaman Corporation
 FL4930-R27



3. INSTALLATION:

3.1 **FiberTite Roof Systems** shall be installed in accordance with **Seaman Corporation** published installation instructions, subject to the [Limitations of Use](#) noted herein.

3.1.1 **Fasteners:** Unless otherwise noted, fasteners and stress plates shall be as follows, used in any combination. Fasteners shall be of sufficient length for the following engagements.

TABLE 3: FASTENER REFERENCES					
ROOF DECK	FASTENER OPTIONS				FASTENER ENGAGEMENT
WOOD, ENGINEERED SHEATHING OR PLANK	FiberTite #12	OMG #12 Standard	SFS Dekfast DF-#12-PH3	Trufast #12 DP	Min. 0.75-inch penetration (engineered sheathing) or min. 1-inch embedment (plank)
	FiberTite #14	OMG Heavy Duty	SFS Dekfast DF-#14-PH3	Trufast #14 HD	
	FiberTite Magnum Fastener	OMG XHD	SFS Dekfast DF-#15-PH3	Trufast #15 EHD	
	FTR Magnum O Fastener				
	FTR MagnumT Fastener				
	PLATE OPTIONS				
	FiberTite 3-in Steel Plate, OMG 3" Galvalume Plate, SFS Dekfast PLT-R-3 or Trufast 3" Metal Insulation Plate				
STEEL	FiberTite #12	OMG #12 Standard	SFS Dekfast DF-#12-PH3	Trufast #12 DP	Min. 0.75-inch penetration
	FiberTite #14	OMG Heavy Duty	SFS Dekfast DF-#14-PH3	Trufast #14 HD	
	FiberTite Magnum Fastener	OMG XHD	SFS Dekfast DF-#15-PH3	Trufast #15 EHD	
	FTR Magnum O Fastener				
	FTR MagnumT Fastener				
	PLATE OPTIONS				
	FiberTite 3-in Steel Plate, OMG 3" Galvalume Plate, SFS Dekfast PLT-R-3 or Trufast 3" Metal Insulation Plate				
STRUCTURAL CONCRETE	FiberTite #14	OMG Heavy Duty	SFS Dekfast DF-#14-PH3	Trufast #14 HD	Non-HVHZ: Min. 1-inch embedment HVHZ: Min. 1.25-inch embedment
		OMG CD-10D	SFS Dekfast DF-#15-PH3	Trufast ¼" Concrete Spike	
	PLATE OPTIONS				
	FiberTite 3-in Steel Plate, OMG 3" Galvalume Plate, SFS Dekfast PLT-R-3 or Trufast 3" Metal Insulation Plate				

3.1.2 **Insulation:**

- (a) Unless otherwise noted, insulation may be any one layer or combination of Approved board(s) that meet IBC, FBC 1505 or FBC HVHZ 1516 and, for foam plastic, IBC or 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 Approved insulation board or coverboard may be used as a separation layer. Board products shall be preliminarily attached prior to roof cover installation. The separator component shall be documented as meeting IBC, FBC 1505 or FBC HVHZ 1516 and, for foam plastic, IBC, FBC Chapter 26, when installed with the roof cover in Recover applications.
- (c) Minimum 200 psi, minimum 2-inch thick Approved 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 applicable Code 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.



NEMO EVALUATIONS REPORT

Report No.: NER-SMN-001.R6
Revision 6: 2026-02-11

Seaman Corporation

FL4930-R27



ISO/IEC 17065

ACCREDITED
Product Certification
Agency
PCA-145

NEMO|cert.® Page 6 of 117

(d) Florida Specific: 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.

(e) Unless otherwise noted, rigid board insulation or coverboard attachment patterns for Type B-1, B-2 and C-1 systems are as outlined below.

TABLE 4A: INSULATION ATTACHMENT PATTERNS – 4x4 FT BOARDS			
1 per 4.0 ft ² (4 per board)	1 per 2.7 ft ² (6 per board)	1 per 2.0 ft ² (8 per board)	1 per 1.8 ft ² (9 per board)

TABLE 4B: INSULATION ATTACHMENT PATTERNS – 4x8 FT BOARDS			
1 per 4.0 ft ² (8 per board)	1 per 2.7 ft ² (12 per board)	1 per 2.3 ft ² (14 per board)	1 per 2.0 ft ² (16 per board)

(f) Preliminary insulation attachment:

- IBC, FBC 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](#).
- FBC 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.



NEMO EVALUATIONS REPORT

Report No.: NER-SMN-001.R6
Revision 6: 2026-02-11

Seaman Corporation
FL4930-R27



3.1.3 Insulation Adhesives:

- (a) Unless otherwise noted, insulation adhesive application rate is continuous ribbons, maximum 12-inch o.c. Ribbons shall be applied and insulation boards shall be set in accordance with the manufacturer's published instructions. When multiple layers(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, boards shall be staggered from layer-to-layer. 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.
- When applied to profiled steel roof deck, ribbons shall be applied to the top-flange so as to establish positive-contact with the overlying insulation board.
 - Concrete deck shall be primed with ASTM D41 primer prior to asphalt-application

TABLE 5: INSULATION ADHESIVE REFERENCES			
By	ADHESIVE	REFERENCE	RATE
Seaman Corporation	FTR 601	FTR 601	Continuous ribbons, max. 12-inch o.c.
	FTR-601 PG	FTR-601 PG	Continuous ribbons, max. 12-inch o.c.
	FTR-601 ECO	FTR-601 ECO	Continuous 1 to 1.5-inch ribbons, 12-inch o.c.
OMG	OlyBond 500	OB500	Continuous ribbons, max. 12-inch o.c.
ICP Construction	Polysat Commercial Roof Adhesive	Polysat CRA	Continuous ribbons, max. 12-inch o.c.
Generic	ASTM D312, Type IV asphalt	hot asphalt	Full-coverage at 25-30 lbs/square

- (b) Unless otherwise noted, all adhered 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 selected assembly.

TABLE 6: MDP LIMITATIONS FOR TAPERED POLYISOCYANURATE INSULATIONS			
ADHESIVE	INSULATION	MIN. TAPERED THICKNESS (IN)	MDP (psf)
FTR 601 or FTR-601 PG	Any listed polyisocyanurate herein	0.5	-360.0
OB500	FTR-Value or FTR-Value H	0.5	-315.0
OB500	FTR-Value A	0.5	-487.5
Polysat CRA	Any listed polyisocyanurate herein	1.0	-117.5

- (c) Adhered Insulation, Board Size:

- IBC, FBC Non-HVHZ: Unless otherwise noted, refer to Section 2.2.10.6.2 of [FM Loss Prevention Data Sheet 1-29](#).
- FBC 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.

TABLE 7: MEMBRANE / ADHESIVE COMBINATIONS					
REFERENCE	LAYER	MATERIAL	APPLICATION		
			ADHESIVE	METHOD	RATE
BB1-190E	Roof Cover:	FiberTite or FiberTite XT	FTR-190e	Contact application	1.0 gallon/square per surface
BB2-190E	Roof Cover:	FiberTite-SM or FiberTite XTreme			
BB3-ATBA	Roof Cover:	FiberTite or FiberTite XT	Alpha-Tite Bonding Adhesive	Contact application	0.83 to 1.0 gallon/square per surface, depending on substrate porosity
BB4-ATBA	Roof Cover:	FiberTite-SM or FiberTite XTreme			
FB1-290	Roof Cover:	FiberTite-FB, -SM FB, -XT FB or -XTreme FB	FTR-290	Wet lay	1.0 gallon/square
FB2-390	Roof Cover or Cap Ply:	FiberTite-FB, -SM FB, -XT FB or -XTreme FB	FTR-390	Wet lay	1.67 to 2.5 gallon/square, depending on substrate porosity
FB3-490	Roof Cover:	FiberTite-FB, -SM FB, -XT FB or -XTreme FB	FTR-490	Wet lay	0.85 to 1.0 gallon/square, depending on substrate porosity
FB4-HA	Roof Cover or Cap Ply:	FiberTite-FB, -SM FB, -XT FB or -XTreme FB	hot asphalt	Wet lay	25-30 lbs/square

TABLE 7: MEMBRANE / ADHESIVE COMBINATIONS					
REFERENCE	LAYER	MATERIAL	APPLICATION		
			ADHESIVE	METHOD	RATE
FB5-CR20	Roof Cover or Cap Ply:	FiberTite-FB, -SM FB, -XT FB or -XTreme FB	ICP Adhesives "Polyset Commercial Roof Adhesive"	Wet lay	Spatter-applied, full coverage
FB6-601PG	Roof Cover or Cap Ply:	FiberTite-FB, -SM FB, -XT FB or -XTreme FB	FTR-601 PG	Wet lay	Spatter-applied, 4.0 lbs/square
FB7-CEFA	Roof Cover or Cap Ply:	FiberTite-FB, -SM FB, -XT FB or -XTreme FB	SOPREMA "COLPLY EF Adhesive"	Wet lay	2.0 gallon/square
FB8-601ECO	Roof Cover or Cap Ply:	FiberTite-FB, -SM FB, -XT FB or -XTreme FB	FTR-601 ECO	Wet lay	Spatter-applied, 4.0 lbs/square
BP1-HA	Vapor Barrier, Base Ply or Ply:	FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	Hot asphalt	Wet lay (substrate)	25-30 lbs/square
BP2-FTRSBSA	Vapor Barrier, Base Ply or Ply:	FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	FTR SBS Adhesive	Wet lay (substrate)	1.5-2.0 gallon/square, depending on substrate porosity
BP3-CEFA	Vapor Barrier, Base Ply or Ply:	FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	SOPREMA "COLPLY EF Adhesive"	Wet lay (substrate)	1.5-2.0 gallon/square, depending on substrate porosity
BP4-TA	Vapor Barrier, Base Ply or Ply:	FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	torch-applied	torch-applied	full-bond
Notes:	Cellular lightweight insulating concrete may be optionally primed with DETEC "TruGround Conductive Primer" prior to application of subsequent FB6-601PG membranes.				
	The following substrates may be optionally primed with DETEC "TruGround Conductive Primer" prior to application of subsequent BB1-190E, BB2-190E, BB3-ATBA or BB4-ATBA membranes. <ul style="list-style-type: none"> ✓ DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime, ✓ SECUROCK Cement Roof Board, ✓ Polyisocyanurate (cellulose-face and coated-glass faced) boards. 				

(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. Seaman Corporation offers two (2) 'styles' of attachment; "Open" and "Closed", as detailed below.

TABLE 8: FIBERTITE MEMBRANE ATTACHMENT 'STYLES'	
"OPEN" ATTACHMENT	"CLOSED" ATTACHMENT
<p>"Open" attachment involves a 5-inch lap with a 1½-inch factory-weld or field-weld. The stress plates and fasteners are installed with the centerline located 1½-inch from the underlying membrane edge. Attachment is expressed as follows: Open: <maximum fastener spacing> x <maximum lap spacing>.</p>	<p>"Closed" attachment involves either a 6-inch lap with a 1½-inch factory-weld with the stress plates and fasteners located along the centerline of the lap, followed by a 1½-inch field-weld, or stress plate and fastener placement through the field of the membrane and covered with a 6-inch wide strip of FiberTite membrane with 1½-inch field welds on both sides. Attachment is expressed as follows: Closed: <max fastener spacing> x <max row spacing>.</p>

(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.



NEMO EVALUATIONS REPORT

Report No.: NER-SMN-001.R6
Revision 6: 2026-02-11

Seaman Corporation
FL4930-R27



3.1.5 Vapor Barriers:

- (a) For System Types B-1, B-2, C-1, C-2, D-1 or Type D-2, an optional thermal barrier and/or self-adhering vapor barrier membrane, such as VaporTite or FTR SBS Poly SA, 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) FiberTite VBX, mechanically attached using FiberTite #14 fasteners or FiberTite Magnum fasteners (steel only) with FiberTite Magnum-Plus Seam Plates spaced 24-in. o.c. within the 8-in. wide side laps; laps sealed with 1.5-in. heat weld, may be optionally installed over wood, steel or structural concrete deck or over lightweight concrete over steel or structural concrete deck (attached through the LWC to engage the structural deck) in the following system types, to a [MDP](#) of -82.5 psf.
 - ✓ System Types B-1 and C-1.
 - ✓ System Type C-2 with any grid pattern, or with row spacing not to exceed 60-inch o.c.
 - ✓ System Type D-1 with row spacing not to exceed 60-inch o.c.
- (c) Refer to [Section 4.3](#) herein for options where the vapor barrier forms part of the load path.

3.1.6 Hurricane Storm Shelters:

- (a) Refer to [Table 10](#) for systems having met ICC 500 impact resistance requirements for use on Hurricane Storm Shelters
- (b) Unless otherwise noted, sub-assembly components may be adhered or mechanically attached

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 Roof Decks:

- (a) 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.
- (b) OSB sheathing is not permitted in FBC HVHZ jurisdictions.
- (c) Unless otherwise noted, reference to 'structural concrete' pertains to min. 2,500 psi structural concrete, and excludes 'structural lightweight concrete'.
- (d) [FBC HVHZ Specific](#): The table below lists various 'as-tested' deck conditions in accordance with [Testing Application Standard TAS 114\(J\)](#). In no case shall these values be used to 'increase' the MDP listings for the selected systems; the lesser MDP applies.

TABLE 9 AS-TESTED DECK ATTACHMENT DETAILS (TAS 114, APPENDIX J)				
TYPE	AS TESTED SUB-ASSEMBLY			
	SPAN (INCH O.C.)	FASTENER	SPACING (INCH O.C.)	MDP (psf)
15/32-inch APA rated CDX plywood	Span: 24 Blocking: 48	#8 wood screws	6	-112.5
19/32-inch APA rated CDX plywood	Span: 24 Blocking: 48	#8 wood screws	6	-75.0
	24	8d ring shank nails	6	-90.0
20 ga., Type B, Grade 33 steel	60	#12 HWH Tek 5	6	-90.0
22 ga., Type B, Grade 33 steel	48	#12 HWH Tek 5	6	-82.5
	60	5/8" puddle welds	6	-112.5
	72	12-24 x 1¼ HWH Impax 45 screws	6	-67.5
	72	SFS SD5-#12-HW5/16 with ¾-inch steel washers	6	-82.5
	72	#12 HWH Tek 5	6	-105.0
	72	5/8" puddle welds	6	-105.0



NEMO EVALUATIONS REPORT

Report No.: NER-SMN-001.R6
 Revision 6: 2026-02-11

Seaman Corporation
 FL4930-R27



TABLE 9 AS-TESTED DECK ATTACHMENT DETAILS (TAS 114, APPENDIX J)				
TYPE	AS TESTED SUB-ASSEMBLY			
	SPAN (INCH O.C.)	FASTENER	SPACING (INCH O.C.)	MDP (psf)
22 ga., Type B, Grade 40 steel	72	#12 HWH Tek 5	6	-90.0
	72	#12 HWH Tek 5 with 3/8-inch washers	6	-105.0
	72	5/8-inch puddle welds	6	-127.5
18 ga., Type B, Grade 50 steel	72	#12 HWH Tek 5 with 3/8-inch washers	6	-157.5
22 ga., Type B, Grade 50 steel	72	5/8-inch puddle welds.	6	-45.0
18 ga., Type N, Grade 60 steel	120	Two (2) Hilti X-ENP-19	8	-127.5
18 ga., Type B, Grade 80 steel	92	5/8-inch puddle welds and 3/4-inch X 20 Daggerz Hex Washer Head screw with 3/8-inch flat washer	Weld: 12 Screw: 6	-120.0
22 ga., Type B, Grade 80 steel	60	5/8" puddle welds	6	-75.0
	60	#12 HWH Tek 5	6	-97.5
	60	#12 HWH Tek 5 with 3/8-inch washers	6	-202.5
	72	12-24 x 1 1/4 HWH Impax screws	6	-45.0
	72	12-24 x 1 1/4 HWH Impax 45 screws	6	-52.5
	72	#12 HWH Tek 5	6	-112.5
	72	#12 HWH Tek 5 with 3/8-inch washers	6	-157.5

Note: Steel deck stress analysis is the responsibility of others to the satisfaction of the Authority Having Jurisdiction

4.1.3 Hurricane Storm Shelters:

- (a) This section of the NER covers use of the subject product on Hurricane Storm Shelters, and does not purport to evaluate for use on Emergency Shelters.
- (b) Roof assemblies shall be designed using design wind speeds set forth in ICC-500, and be tested to minimum 1.2 times design pressure.
- (c) Refer to Table 10 for systems having met ICC 500 impact resistance requirements for use on Hurricane Storm Shelters.

TABLE 10: IMPACT RESISTANT ASSEMBLIES PER ICC-500 HURRICANE STORM SHELTERS				
SHELTER TYPE:	Hurricane			
SURFACE TYPE:	Horizontal (roof)			
Missile size:	9 lb 2x4			
Design Wind Speed:	220 mph			
Missile speed:	0.10 x design wind speed = 22 mph			
Criteria 1:	No missile penetration through deck, per ICC-500			
Criteria 2:	No missile penetration through roof cover			
System no.	Deck	Insulation (3.1.6a)	Coverboard	Roof Cover (3.1.4)
H-1.	Min. 22 ga., Type B, Grade 40 steel at min. 6 ft span or structural concrete	One or more layer(s), Min. 1.5-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	BB1-190E, BB2-190E, BB3-ATBA, BB4-ATBA
H-2.	Min. 22 ga., Type BV, Grade 40 steel at min. 6 ft span or structural concrete	Min. 460 psi, min. 2-inch thick cellular lightweight concrete	None	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20, FB6-601PG, FB7-CEFA, FB8-601ECO



NEMO EVALUATIONS REPORT

Report No.: NER-SMN-001.R6
Revision 6: 2026-02-11

Seaman Corporation
FL4930-R27



NEMO|cert.® Page 11 of 117

4.1.3 Fire Classification:

- (a) Refer to **IBC, FBC 1505, FBC HVHZ 1516, UL TGFU.R10117** and the fire classification certificate for the roof cover manufacturer for requirements and limitations regarding roof assembly fire classification.
- (b) Refer to **IBC or FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.

4.1.4 Quality Assurance:

All components in the roof assembly shall have quality assurance surveillance. For Florida Product Approval, this shall be 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 supporting evidence held by the component manufacturer.

4.2 Jurisdiction Specific:

	IBC, FBC Non-HVHZ	HVHZ
4.2.1	This NER does not include evaluation of roof edge termination. Refer to IBC 1504.6 or 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.
4.2.2	Refer to IBC 1512 or FBC 1511 for requirements and limitations regarding recover installations. <ul style="list-style-type: none"> (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. (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. (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. 	Refer to FBC HVHZ 1521 for requirements and limitations regarding recover installations. <ul style="list-style-type: none"> 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. 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. 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.
4.2.3	Wind Load Resistance: <ul style="list-style-type: none"> (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 (<i>the 2 to 1 margin of safety per FBC 1504.9 has already been applied</i>). Refer to IBC, FBC 1609 for determination of design wind loads. 	<ul style="list-style-type: none"> "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 (<i>the 2 to 1 margin of safety per TAS 114 has already been applied</i>). Refer to FBC HVHZ 1620 or RAS 128 for determination of design wind loads.



NEMO EVALUATIONS REPORT

Report No.: NER-SMN-001.R6
Revision 6: 2026-02-11

Seaman Corporation

FL4930-R27



ISO/IEC 17065

ACCREDITED
Product Certification
Agency
PCA-145

NEMO|cert.® Page 12 of 117

IBC, FBC Non-HVHZ	HVHZ
<p>(c) The MDP for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with IBC, 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.</p> <p>(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.</p>	<p>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.</p> <p>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.</p>



4.3 System Listings and Allowable Design Pressures: See [Section 4.2.3](#)

4.3.1 Thermal Barriers / Vapor Barriers: The lesser of the MDP listings below vs. that for the selected roof assembly from [Section 4.3.2](#) applies.

(a) Structural Concrete Decks:

TABLE VB-1: STRUCTURAL CONCRETE DECK VAPOR BARRIER FOLLOWED BY ADHERED INSULATION					
OPTION #	PRIMER	VAPOR BARRIER		INSULATION ADHESIVE PER TABLE 13A & TABLE 13B	MDP (PSF)
		TYPE	APPLICATION		
C-VB-1.	ASTM D41	FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	hot asphalt	hot asphalt, 25-30 lbs/square	-210.0
C-VB-2.	ASTM D41	FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	torch-applied	hot asphalt, 25-30 lbs/square	-210.0
C-VB-3.	ASTM D41	Smooth-surfaced, asphalt built-up roof	hot asphalt	hot-asphalt, 25-30 lbs/square	-375.0
C-VB-4.	None	FTR SBS Poly 3.0	FTR SBS Adhesive, continuous ribbons, 12-inch o.c.	FTR 601 or FTR-601 PG, ribbons 12-inch o.c.	-75.0
C-VB-5.	None	FTR SBS Poly 3.7	FTR SBS Adhesive, continuous ribbons, 12-inch o.c.	FTR 601 or FTR-601 PG, ribbons 12-inch o.c.	-105.0
C-VB-6.	FTR SA Primer	VaporTite or FTR SBS Poly SA	self-adhering	FTR 601, FTR-601 PG or FTR-601 ECO, ribbons 12-inch o.c.	-180.0
C-VB-7.	None	BlockShield SA	self-adhering	FTR 601 or FTR-601 PG, ribbons 12-inch o.c.	-185.5
C-VB-8.	ELASTOCOL Stick	VaporTite or FTR SBS Poly SA	self-adhering	FTR 601, FTR-601 PG or FTR-601 ECO, ribbons 12-inch o.c.	-210.0
C-VB-9.	ASTM D41	FTR SBS Poly 3.0 or FTR SBS Poly 3.7	torch-applied	FTR-601 ECO, ribbons 12-inch o.c.	-210.0
C-VB-10.	ASTM D41	FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	hot asphalt, FTR SBS Adhesive at 1.5-2.0 gal/square or SOPREMA "COPLY EF Adhesive" at 1.5-2.0 gal/square.	FTR 601 or FTR-601 PG, ribbons 12-inch o.c.	-225.0
C-VB-11.	ASTM D41	FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	torch-applied	FTR 601 or FTR-601 PG, ribbons 12-inch o.c.	-225.0
C-VB-12.	None	SlopeShield Plus SA	self-adhering	FTR 601 or FTR-601 PG, ribbons 6-inch o.c.	-75.0
C-VB-13.	None	BlockShield SA	self-adhering	FTR 601 or FTR-601 PG, ribbons 6-inch o.c.	-202.5
C-VB-14.	ASTM D41	FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	hot asphalt, FTR SBS Adhesive at 1.5-2.0 gal/square or SOPREMA "COPLY EF Adhesive" at 1.5-2.0 gal/square.	FTR 601 or FTR-601 PG, ribbons 6-inch o.c.	-372.3
C-VB-15.	ASTM D41	FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	torch-applied	FTR 601 or FTR-601 PG, ribbons 6-inch o.c.	-372.3



4.3.2 Roof Assemblies:

ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE					
TABLE	DECK	APPLICATION	TYPE	DESCRIPTION	PAGE
11A	Wood	New, Reroof (Tear-Off)	A-2	Bonded Vapor Barrier, Bonded Insulation(s), Bonded Roof Cover (not for use in FBC HVHZ jurisdictions)	15
11B	Wood	New, Reroof (Tear-Off) or Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation(s), Bonded Roof Cover	16
11C	Wood	New, Reroof (Tear-Off)	B-2	Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation(s), Bonded Roof Cover	17
11D	Wood	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	18
11E	Wood	New, Reroof (Tear-Off) or Recover	C-2	Mechanically Attached Insulation, Induction Welded Roof Cover	20
11F	Wood	New, Reroof (Tear-Off) or Recover	D-1	Insulated, Mechanically Attached Roof Cover	21
11G	Wood	New, Reroof (Tear-Off) or Recover	D-1	Insulated, Bonded Vapor Barrier, Mechanically Attached Roof Cover	22
11H	Wood	New, Reroof (Tear-Off) or Recover	E-1	Non-Insulated, Mechanically Attached Roof Cover	22
12A	Steel	New, Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	23
12B	Steel	New, Reroof (Tear-Off)	A-2	Bonded Vapor Barrier, Bonded Insulation(s), Bonded Roof Cover	24
12C	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation(s), Bonded Roof Cover	25
12D	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation(s), Bonded Multi-Ply Roof Cover	37
12E	Steel	New or Reroof (Tear-Off)	B-2	Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation(s), Bonded Roof Cover	38
12F	Steel	New or Reroof (Tear-Off)	B-2	Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation(s), Bonded Multi-Ply Roof Cover	52
12G	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	56
12H	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Multi-Ply Roof Cover	63
12I	Steel	New, Reroof (Tear-Off) or Recover	C-2	Mechanically Attached Insulation, Induction Welded Roof Cover	65
12J	Steel	New, Reroof (Tear-Off) or Recover	D-1	Insulated, Mechanically Attached Roof Cover	72
13A	Structural Concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	76
13B	Structural Concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Multi-Ply Roof Cover	87
13C	Structural Concrete	New, Reroof (Tear-Off) or Recover	C-2	Mechanically Attached Insulation, Induction Welded Roof Cover	90
13D	Structural Concrete	New, Reroof (Tear-Off) or Recover	D-1	Insulated, Mechanically Attached Roof Cover	93
13E	Structural Concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Multi-Ply Roof Cover	94
13F	Structural Concrete	New or Reroof (Tear-Off)	G	Perimeter Attached Roof Cover, Pressure Equalizing Vent	95
14A	Existing Lightweight Concrete	Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	95
14B	Lightweight Concrete	New or Reroof (Tear-Off)	A-2	Bonded Vapor Barrier, Bonded Insulation(s), Bonded Roof Cover	96
14C	Lightweight Concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	96
15A	Cementitious Wood Fiber	New or Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	98
15B	Cementitious Wood Fiber	New or Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Multi-Ply Roof Cover	100
15C	Cementitious Wood Fiber	Reroof (Tear-Off) or Recover	D-1	Insulated, Mechanically Attached Roof Cover	101
16A	Existing Gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover	101
16B	Existing Gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Multi-Ply Roof Cover	104
16C	Existing Gypsum	Reroof (Tear-Off)	D-1	Insulated, Mechanically Attached Roof Cover	105
17A	Various	Recover	A-1	Bonded Insulation(s), Bonded Roof Cover	105
17B	Various	Recover	A-1	Bonded Insulation(s), Bonded Multi-Ply Roof Cover	113



ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE

TABLE	DECK	APPLICATION	TYPE	DESCRIPTION	PAGE
17C	Steel	Recover	C-2	Mechanically Attached Insulation, Induction Welded Roof Cover	115
17D	Steel	Recover	D-1	Insulated, Mechanically Attached Roof Cover	116
17E	Various	Recover	F	Non-Insulated, Bonded Roof Cover	117

**TABLE 11A: WOOD DECKS - NEW CONSTRUCTION, 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 (3.1.4)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:								
W-1.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	BB1-190E or BB2-190E	-75.0
W-2.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	BlockShield SA Plus, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	BB1-190E or BB2-190E	-112.5
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:								
W-3.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-75.0
W-4.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	BlockShield SA Plus, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-112.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FB1-290, FB2-390, FB3-490 OR FB4-HA:								
W-5.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	FB1-290, FB2-390, FB3-490 or FB4-HA	-75.0
W-6.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	BlockShield SA Plus, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	FB1-290, FB2-390, FB3-490 or FB4-HA	-112.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE (SPATTER) OR FTR-601 PG (SPATTER):								
W-7.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	FB5-CR20 or FB6-601PG	-75.0



**TABLE 11A: WOOD DECKS - NEW CONSTRUCTION, 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 (3.1.4)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
W-8.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	BlockShield SA Plus, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	Min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	FB5-CR20 or FB6-601PG	-112.5

**TABLE 11B: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.2)	Attach	Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:								
W-9.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	Min. 1.5-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 1.8 ft ²	Min. 0.25-inch DensDeck, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-60.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:								
W-10.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	Min. 1.5-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 1.8 ft ²	Min. 0.25-inch DensDeck, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB3-ATBA or BB4-ATBA	-60.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-290, FTR-390 OR HOT ASPHALT:								
W-11.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	Min. 1.5-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 1.8 ft ²	Min. 0.25-inch DensDeck, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB1-290, FB2-390 or FB4-HA	-60.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-490:								
W-12.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	Min. 1.5-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 1.8 ft ²	Min. 0.25-inch DensDeck, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FTR-490	-60.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE (SPATTER) OR FTR-601 PG (SPATTER):								
W-13.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	Min. 1.5-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 1.8 ft ²	Min. 0.25-inch DensDeck, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-60.0



**TABLE 11c: 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			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)	MDP (psf)
		Type	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:										
W-14.	Min. 19/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	Min. 0.25-inch DensDeck Prime	Trufast Versa-Fast Metal Plate with minimum two (2) Versa-Fast Fasteners per plate	1 per 1.45 ft ²	None	BlockShield SA Plus or SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR- Value or FTR- Value H followed by min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	BB1-190E or BB2-190E	-60.0
W-15.	Min. 19/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	Min. 0.5-inch DensDeck Prime	Trufast Versa-Fast Metal Plate with minimum two (2) Versa-Fast Fasteners per plate	1 per 1.45 ft ²	None	BlockShield SA Plus or SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value or FTR-Value H followed by min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	BB1-190E or BB2-190E	-75.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:										
W-16.	Min. 19/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	Min. 0.25-inch DensDeck Prime	Trufast Versa-Fast Metal Plate with minimum two (2) Versa-Fast Fasteners per plate	1 per 1.45 ft ²	None	BlockShield SA Plus or SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR- Value or FTR- Value H followed by min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-60.0
W-17.	Min. 19/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	Min. 0.5-inch DensDeck Prime	Trufast Versa-Fast Metal Plate with minimum two (2) Versa-Fast Fasteners per plate	1 per 1.45 ft ²	None	BlockShield SA Plus or SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value or FTR-Value H followed by min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-75.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FB1-290, FB2-390, FB3-490 OR FB4-HA:										
W-18.	Min. 19/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	Min. 0.25-inch DensDeck Prime	Trufast Versa-Fast Metal Plate with minimum two (2) Versa-Fast Fasteners per plate	1 per 1.45 ft ²	None	BlockShield SA Plus or SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR- Value or FTR- Value H followed by min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	FB1-290, FB2-390, FB3-490 or FB4-HA	-60.0
W-19.	Min. 19/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	Min. 0.5-inch DensDeck Prime	Trufast Versa-Fast Metal Plate with minimum two (2) Versa-Fast Fasteners per plate	1 per 1.45 ft ²	None	BlockShield SA Plus or SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value or FTR-Value H followed by min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	FB1-290, FB2-390, FB3-490 or FB4-HA	-75.0



TABLE 11c: 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			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)	MDP (psf)
		Type	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)		
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE (SPATTER) OR FTR-601 PG (SPATTER):										
W-20.	Min. 19/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	Min. 0.25-inch DensDeck Prime	Trufast Versa-Fast Metal Plate with minimum two (2) Versa-Fast Fasteners per plate	1 per 1.45 ft ²	None	BlockShield SA Plus or SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR- Value H followed by min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	FB5-CR20 or FB6-601PG	-60.0
W-21.	Min. 19/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	Min. 0.5-inch DensDeck Prime	Trufast Versa-Fast Metal Plate with minimum two (2) Versa-Fast Fasteners per plate	1 per 1.45 ft ²	None	BlockShield SA Plus or SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value H followed by min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	FB5-CR20 or FB6-601PG	-75.0

TABLE 11d: 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 Layer (3.1.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (3.1.1, 4.2.2)	Attach		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:							
W-22.	Min. 19/32-inch plywood or wood plank	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR Magnum O Fastener, , OMG #14 Heavy Duty or Trufast #14 HD Plate Options: Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.8 ft ²	BB1-190E or BB2-190E	-45.0*
W-23.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	Fastener Options: Section 3.1.1 (#14 or #15 screws) Plate Options: FiberTite 3-in Steel Plate	1 per 1.8 ft ²	BB1-190E or BB2-190E	-45.0
W-24.	Min. 19/32-inch plywood or wood plank	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR Magnum O Fastener, , OMG #14 Heavy Duty or Trufast #14 HD Plate Options: Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	BB1-190E or BB2-190E	-50.0*
W-25.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR Magnum O Fastener, OMG #14 Heavy Duty or Trufast #14 HD Plate Options: Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.8 ft ²	BB1-190E or BB2-190E	-52.5
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
W-26.	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	Fastener Options: FiberTite #14, FiberTite Magnum, FTR Magnum O Fastener, OMG #14 Heavy Duty or Trufast #14 HD Plate Options: Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.8 ft ²	BB3-ATBA or BB4-ATBA	-45.0*



**TABLE 11D: 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 Layer (3.1.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (3.1.1, 4.2.2)	Attach		
W-27.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	<u>Fastener Options:</u> Section 3.1.1 (#14 or #15 screws) <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.8 ft ²	BB3-ATBA or BB4-ATBA	-45.0
W-28.	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	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR Magnum O Fastener, OMG #14 Heavy Duty or Trufast #14 HD <u>Plate Options:</u> Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	BB3-ATBA or BB4-ATBA	-50.0*
W-29.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR Magnum O Fastener, OMG #14 Heavy Duty or Trufast #14 HD <u>Plate Options:</u> Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.8 ft ²	BB3-ATBA or BB4-ATBA	-52.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-290, FTR-390 OR HOT ASPHALT:							
W-30.	Min. 19/32-inch plywood or wood plank	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR Magnum O Fastener, OMG #14 Heavy Duty or Trufast #14 HD <u>Plate Options:</u> Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.8 ft ²	FB1-290, FB2-390 or FB4-HA	-45.0*
W-31.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	<u>Fastener Options:</u> Section 3.1.1 (#14 or #15 screws) <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.8 ft ²	FB1-290, FB2-390 or FB4-HA	-45.0
W-32.	Min. 19/32-inch plywood or wood plank	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR Magnum O Fastener, OMG #14 Heavy Duty or Trufast #14 HD <u>Plate Options:</u> Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	FB1-290, FB2-390 or FB4-HA	-50.0*
W-33.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR Magnum O Fastener, OMG #14 Heavy Duty or Trufast #14 HD <u>Plate Options:</u> Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.8 ft ²	FB1-290, FB2-390 or FB4-HA	-52.5
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-490:							
W-34.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	<u>Fastener Options:</u> Section 3.1.1 (#14 or #15 screws) <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.8 ft ²	FTR-490 (FiberTite-FB or FiberTite XT FB)	-45.0
W-35.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR Magnum O Fastener, OMG #14 Heavy Duty or Trufast #14 HD <u>Plate Options:</u> Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.8 ft ²	FTR-490	-52.5
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE (SPATTER) OR FTR-601 PG (SPATTER):							
W-36.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	<u>Fastener Options:</u> Section 3.1.1 (#14 or #15 screws) <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.8 ft ²	FB5-CR20 or FB6-601PG	-45.0



TABLE 11D: 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 Layer (3.1.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (3.1.1, 4.2.2)	Attach		
W-37.	Min. 15/32-inch APA rated CDX 4-ply plywood; 24-inch span & blocked 48-inch. o.c	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR Magnum O Fastener, OMG #14 Heavy Duty or Trufast #14 HD Plate Options: Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.8 ft ²	FB5-CR20 or FB6-601PG	-52.5

TABLE 11E: 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)	Thermal Barrier and/or Insulation Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.2)	Density		
W-38.	Code minimum plywood or OSB. Section 4.1.2	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (Field W/D ≥ 375 lbf) Plate Options: FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	12-inch o.c. in rows 60-inch o.c. <u>along wood structural members</u>	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5 (NO HVHZ)
W-39.	Code minimum plywood or OSB. Section 4.1.2	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (Field W/D ≥ 375 lbf) Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	12-inch o.c. in rows 60-inch o.c. <u>along wood structural members</u>	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5 (NO HVHZ)
W-40.	Min. 19/32-inch plywood; 24-inch span	Any approved thermal barrier and/or insulation, any combination	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (Field W/D ≥ 540 lbf) Plate Options: FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	24-inch o.c. in staggered rows 36-inch o.c. <u>along wood structural members</u>	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-45.0*
W-41.	Min. 19/32-inch plywood; 24-inch span	Any approved thermal barrier and/or insulation, any combination	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (Field W/D ≥ 540 lbf) Plate Options: Trufast PVC IW Plate	24-inch o.c. in staggered rows 36-inch o.c. <u>along wood structural members</u>	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-45.0*
W-42.	Min. 19/32-inch plywood; 24-inch span	Any approved thermal barrier and/or insulation, any combination	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (Field W/D ≥ 525 lbf) Plate Options: FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	12-inch o.c. in rows spaced 60-inch o.c. <u>along wood structural members</u>	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-52.5
W-43.	Min. 19/32-inch plywood; 24-inch span	Any approved thermal barrier and/or insulation, any combination	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (Field W/D ≥ 525 lbf) Plate Options: Trufast PVC IW Plate	12-inch o.c. in rows spaced 60-inch o.c. <u>along wood structural members</u>	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-52.5
W-44.	Min. 19/32-inch plywood; 24-inch span	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (Field W/D ≥ 300 lbf) Plate Options: FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	6-inch o.c. in rows 60-inch o.c. <u>along wood structural members</u>	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-60.0



**TABLE 11E: 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)	Thermal Barrier and/or Insulation Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.2)	Density		
W-45.	Min. 19/32-inch plywood; 24-inch span	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D ≥ 375 lbf</i>) Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	6-inch o.c. in rows 60-inch o.c. <u>along wood structural members</u>	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-60.0
W-46.	Min. 19/32-inch plywood; 24-inch span	Any approved thermal barrier and/or insulation, any combination	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D ≥ 540 lbf</i>) Plate Options: FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	24-inch o.c. in staggered rows 24-inch o.c. <u>along wood structural members</u>	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-67.5
W-47.	Min. 19/32-inch plywood; 24-inch span	Any approved thermal barrier and/or insulation, any combination	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D ≥ 540 lbf</i>) Plate Options: Trufast PVC IW Plate	24-inch o.c. in staggered rows 24-inch o.c. <u>along wood structural members</u>	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-67.5
W-48.	Min. 19/32-inch plywood; 24-inch span	Any approved thermal barrier and/or insulation, any combination	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D ≥ 450 lbf</i>) Plate Options: FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	6-inch o.c. in rows 60-inch o.c. <u>along wood structural members</u>	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-90.0
W-49.	Min. 19/32-inch plywood; 24-inch span	Any approved thermal barrier and/or insulation, any combination	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D ≥ 450 lbf</i>) Plate Options: Trufast PVC IW Plate	6-inch o.c. in rows 60-inch o.c. <u>along wood structural members</u>	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-90.0

**TABLE 11F: 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 or Thermal Barrier (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.2)	Attachment	
W-50.	Min. 19/32-inch plywood; 24-inch span	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-30.0 (NO HVHZ)
W-51.	Min. 19/32-inch plywood; 24-inch span	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Open: 6 x 51-inch	-37.5 (NO HVHZ)
W-52.	Min. 19/32-inch plywood; 24-inch span	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-45.0
W-53.	Min. 19/32-inch plywood; 24-inch span	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 9 x 51-inch	-52.5
W-54.	Min. 19/32-inch plywood; 24-inch span	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-52.5



**TABLE 11F: 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 or Thermal Barrier (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.2)	Attachment	
W-55.	Min. 19/32-inch plywood; 24-inch span	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Closed: 12 x 72-inch through wood sheathing to engage the structural members	-60.0
W-56.	Min. 19/32-inch plywood; 24-inch span	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 96-inch through wood sheathing to engage the structural members	-67.5

**TABLE 11G: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE D-1: INSULATED, BONDED VAPOR BARRIER, MECHANICALLY ATTACHED ROOF COVER**

System No.	Deck (4.1.2)	Insulation or Thermal Barrier (3.1.2)		Vapor Barrier (3.1.4)	Insulation Layer(s) (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach		Type	Attach	Membrane	Fastener (3.1.1, 4.2.2)	Attachment	
W-57.	Two (2) plies, min. 23/32-inch plywood; 2 ft span; 8d ring shank nails; 1st ply to structural members, 6" o.c.; 2nd ply to 1st ply 6" o.c.in rows 24" o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Prelim. attached	BP2-FTRSBSA	Min. 2.0-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	Prelim. attached	FiberTite XT, SM or Xtreme	FiberTite Magnum Fastener or OMG #14 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 37-inch	-105.0
W-58.	Two (2) plies; 2 ft span; 1 st ply, min. 15/32-inch plywood to structural members; 8d ring shank nails, 6" o.c. followed by 2 nd ply, min. 23/32-inch plywood to structural members; SFS Dekfast DF-#12-PH3, 12" o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Prelim. attached	BP2-FTRSBSA	Min. 2.0-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	Prelim. attached	FiberTite XT, SM or Xtreme	FiberTite Magnum Fastener or OMG #14 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 37-inch	-112.5

**TABLE 11H: 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)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.2)	Attachment	
W-59.	Min. 19/32-inch plywood; 24-inch span	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-30.0 (NO HVHZ)
W-60.	Min. 19/32-inch plywood; 24-inch span	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Open: 6 x 51-inch	-37.5 (NO HVHZ)
W-61.	Min. 19/32-inch plywood; 24-inch span	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-45.0
W-62.	Min. 19/32-inch plywood; 24-inch span	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 9 x 51-inch	-52.5



**TABLE 11H: 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)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.2)	Attachment	
W-63.	Min. 19/32-inch plywood; 24-inch span	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-52.5
W-64.	Min. 19/32-inch plywood; 24-inch span	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Closed: 12 x 72-inch through wood sheathing to engage the structural members.	-60.0
W-65.	Min. 19/32-inch plywood; 24-inch span	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 96-inch through wood sheathing to engage the structural members.	-67.5

**TABLE 12A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
S-1.	Min. 22 ga., Type B, Grade 40 steel	Min. 1.0-inch FTR-Value A, FTR-Value-III-A or FTR-Value H	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	(Optional) Additional layer(s) of base insulation	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB3-ATBA or BB4-ATBA	-52.5
S-2.	Min. 22 ga., Type B, Grade 40 steel	(Optional) Min. 1.0-inch FTR-Value A, FTR-Value-III-A or FTR-Value H	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB3-ATBA or BB4-ATBA	-52.5
S-3.	Min. 22 ga., Type B, Grade 40 steel	(Optional) Min. 1.0-inch FTR-Value A, FTR-Value-III-A or FTR-Value H	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB3-ATBA or BB4-ATBA	-52.5
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:							
S-4.	Min. 22 ga., Type B, Grade 40 steel	Min. 1.0-inch FTR-Value A, FTR-Value-III-A or FTR-Value H	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	(Optional) Additional layer(s) of base insulation	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-52.5
S-5.	Min. 22 ga., Type B, Grade 40 steel	(Optional) Min. 1.0-inch FTR-Value A, FTR-Value-III-A or FTR-Value H	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-52.5
S-6.	Min. 22 ga., Type B, Grade 40 steel	(Optional) Min. 1.0-inch FTR-Value A, FTR-Value-III-A or FTR-Value H	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-52.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-290, FTR-390 OR HOT ASPHALT:							
S-7.	Min. 22 ga., Type B, Grade 40 steel	Min. 1.0-inch FTR-Value A	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	(Optional) Additional layer(s) of base insulation	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB1-290, FB2-390 or FB4-HA	-52.5



**TABLE 12A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
S-8.	Min. 22 ga., Type B, Grade 40 steel	(Optional) Min. 1.0-inch FTR-Value A, FTR-Value-III-A or FTR-Value H	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB1-290, FB2-390 or FB4-HA	-52.5
S-9.	Min. 22 ga., Type B, Grade 40 steel	(Optional) Min. 1.0-inch FTR-Value A, FTR-Value-III-A or FTR-Value H	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB1-290 or FB4-HA	-52.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-490:							
S-10.	Min. 22 ga., Type B, Grade 40 steel	(Optional) Min. 1.0-inch FTR-Value A, FTR-Value-III-A or FTR-Value H	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB3-490	-52.5
S-11.	Min. 22 ga., Type B, Grade 40 steel	(Optional) Min. 1.0-inch FTR-Value A, FTR-Value-III-A or FTR-Value H	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB3-490	-52.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE (SPATTER) OR FTR-601 PG (SPATTER):							
S-12.	Min. 22 ga., Type B, Grade 40 steel	Min. 1.0-inch FTR-Value A	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	(Optional) Additional layer(s) of base insulation	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB6-601PG	-52.5
S-13.	Min. 22 ga., Type B, Grade 40 steel	(Optional) Min. 1.0-inch FTR-Value A, FTR-Value-III-A or FTR-Value H	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-52.5
S-14.	Min. 22 ga., Type B, Grade 40 steel	(Optional) Min. 1.0-inch FTR-Value A, FTR-Value-III-A or FTR-Value H	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-52.5

**TABLE 12B: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
 SYSTEM TYPE A-2: BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER***

System No.	Deck (4.1.2)	Vapor Barrier (3.1.4)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP* (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:								
S-15.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span	BlockShield SA Plus, self-adhering to top deck flanges.	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c., ribbons positioned atop deck flanges	Min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c	BB1-190E or BB2-190E	-90.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:								
S-16.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span	BlockShield SA Plus, self-adhering to top deck flanges.	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c., ribbons positioned atop deck flanges	Min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-90.0



**TABLE 12B: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
 SYSTEM TYPE A-2: BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER***

System No.	Deck (4.1.2)	Vapor Barrier (3.1.4)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP* (psf)
			Type	Attach (3.1.3)	Type	Attach (3.1.3)		
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FB1-290, FB2-390, FB3-490 OR FB4-HA:								
S-17.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span	BlockShield SA Plus, self-adhering to top deck flanges.	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c., ribbons positioned atop deck flanges	Min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	FB1-290, FB2-390, FB3-490 or FB4-HA	-90.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE (SPATTER) OR FTR-601 PG (SPATTER):								
S-18.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span	BlockShield SA Plus, self-adhering to top deck flanges.	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c., ribbons positioned atop deck flanges	Min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	FB5-CR20 or FB6-601PG	-90.0

**TABLE 12C: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.2)	Attach	Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:								
S-19.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-45.0*
S-20.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-45.0*
S-21.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	One or more layers FTR-Value, FTR-Value A or FTR-Value H	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-45.0*
S-22.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-45.0*
S-23.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-45.0*
S-24.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-45.0*
S-25.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-45.0*



**TABLE 12c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.2)	Attach	Type	Attach (3.1.3)		
S-26.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-52.5
S-27.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-52.5
S-28.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-60.0
S-29.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR-601 PG, FTR-601 ECO or Polyset CRA	BB1-190E or BB2-190E	-60.0
S-30.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-60.0
S-31.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR-601 PG, FTR-601 ECO or Polyset CRA	BB1-190E or BB2-190E	-60.0
S-32.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime, DensDeck StormX Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO or Polyset CRA	BB1-190E or BB2-190E	-60.0
S-33.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt (full coverage) or FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	BB1-190E or BB2-190E	-67.5
S-34.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt (full coverage) or FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	BB1-190E or BB2-190E	-67.5
S-35.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DensDeck Prime, DensDeck StormX Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO or Polyset CRA, 6-inch o.c.	BB1-190E or BB2-190E	-75.0



**TABLE 12c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.2)	Attach	Type	Attach (3.1.3)		
S-36.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime, DensDeck StormX Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO or Polyset CRA, 6-inch o.c.	BB1-190E or BB2-190E	-82.5
S-37.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	BB1-190E or BB2-190E	-90.0
S-38.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	BB1-190E or BB2-190E	-90.0
S-39.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, OMG #14 Roofgrip or Trufast #14 HD Plate Options: Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime	Polyset CRA	BB1-190E or BB2-190E	-105.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:								
S-40.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB3-ATBA or BB4-ATBA	-45.0*
S-41.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB3-ATBA or BB4-ATBA	-45.0*
S-42.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	One or more layers FTR-Value, FTR-Value A or FTR-Value H	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB3-ATBA or BB4-ATBA	-45.0*
S-43.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB3-ATBA or BB4-ATBA	-45.0*
S-44.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB3-ATBA or BB4-ATBA	-45.0*
S-45.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB3-ATBA or BB4-ATBA	-45.0*



**TABLE 12c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.2)	Attach	Type	Attach (3.1.3)		
S-46.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB3-ATBA or BB4-ATBA	-45.0*
S-47.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB3-ATBA or BB4-ATBA	-52.5
S-48.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB3-ATBA or BB4-ATBA	-52.5
S-49.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB3-ATBA or BB4-ATBA	-60.0
S-50.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR-601 PG, FTR-601 ECO or Polyset CRA	BB3-ATBA or BB4-ATBA	-60.0
S-51.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BB3-ATBA or BB4-ATBA	-60.0
S-52.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR-601 PG, FTR-601 ECO or Polyset CRA	BB3-ATBA or BB4-ATBA	-60.0
S-53.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DensDeck, DensDeck Prime, DensDeck StormX Prime, SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO or Polyset CRA	BB3-ATBA or BB4-ATBA	-60.0
S-54.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt (full coverage) or FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-67.5
S-55.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt (full coverage) or FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-67.5



**TABLE 12c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.2)	Attach	Type	Attach (3.1.3)		
S-56.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DensDeck, DensDeck Prime, DensDeck StormX Prime, SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO or Polyset CRA, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-75.0
S-57.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DensDeck, DensDeck Prime, DensDeck StormX Prime, SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO or Polyset CRA, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-82.5
S-58.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-90.0
S-59.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-90.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-290:								
S-60.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB1-290	-45.0*
S-61.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB1-290	-45.0*
S-62.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	One or more layers FTR-Value, FTR-Value A or FTR-Value H	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB1-290	-45.0*
S-63.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB1-290	-45.0*
S-64.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB1-290	-45.0*
S-65.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB1-290	-45.0*
S-66.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB1-290	-45.0*



**TABLE 12c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.2)	Attach	Type	Attach (3.1.3)		
S-67.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB1-290	-52.5
S-68.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB1-290	-52.5
S-69.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime, DensDeck StormX Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO or Polyset CRA	FB1-290	-60.0
S-70.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt (full coverage) or FTR 601, FTR-601 PG, M-PG-EF-ECO, OB500 or Polyset CRA, 6-inch o.c.	FB1-290	-67.5
S-71.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt (full coverage) or FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB1-290	-67.5
S-72.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DensDeck Prime, DensDeck StormX Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO or Polyset CRA, 6-inch o.c.	FB1-290	-75.0
S-73.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime, DensDeck StormX Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO or Polyset CRA, 6-inch o.c.	FB1-290	-82.5
S-74.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB1-290	-90.0
S-75.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB1-290	-90.0



**TABLE 12c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.2)	Attach	Type	Attach (3.1.3)		
S-76.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, OMG #14 Roofgrip or Trufast #14 HD Plate Options: Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate"	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime	Polyset CRA	FB1-290	-105.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-390:								
S-77.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB2-390	-45.0*
S-78.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB2-390	-45.0*
S-79.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	One or more layers FTR-Value, FTR-Value A or FTR-Value H	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB2-390	-45.0*
S-80.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB2-390	-45.0*
S-81.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB2-390	-45.0*
S-82.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB2-390	-45.0*
S-83.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB2-390	-45.0*
S-84.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB2-390	-52.5
S-85.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt (full coverage) or FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB2-390	-67.5



**TABLE 12c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.2)	Attach	Type	Attach (3.1.3)		
S-86.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB2-390	-90.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB or FIBERTITE-XTREME FB APPLIED IN FTR-490:								
S-87.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB3-490	-45.0*
S-88.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB3-490	-45.0*
S-89.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB3-490	-45.0*
S-90.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB3-490	-45.0*
S-91.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB3-490	-52.5
S-92.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB3-490	-52.5
S-93.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB3-490	-60.0
S-94.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR-601 PG, FTR-601 ECO or Polyset CRA	FB3-490	-60.0
S-95.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB3-490	-60.0
S-96.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR-601 PG, FTR-601 ECO or Polyset CRA	FB3-490	-60.0



**TABLE 12c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.2)	Attach	Type	Attach (3.1.3)		
S-97.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt (full coverage) or FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB3-490	-67.5
98.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt (full coverage) or FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB3-490	-67.5
S-99.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB3-490	-90.0
S-100.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB3-490	-90.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN HOT ASPHALT:								
S-101.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB4-HA	-45.0*
S-102.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB4-HA	-45.0*
S-103.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB4-HA	-45.0*
S-104.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB4-HA	-45.0*
S-105.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB4-HA	-52.5
S-106.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB4-HA	-52.5



**TABLE 12c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.2)	Attach	Type	Attach (3.1.3)		
S-107.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime, DensDeck StormX Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO or Polyset CRA	FB4-HA	-60.0
S-108.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt (full-coverage), FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB4-HA	-67.5
S-109.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt (full-coverage) or FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB4-HA	-67.5
S-110.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DensDeck Prime, DensDeck StormX Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO or Polyset CRA, 6-inch o.c.	FB4-HA	-75.0
S-111.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime, DensDeck StormX Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO or Polyset CRA, 6-inch o.c.	FB4-HA	-82.5
S-112.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB4-HA	-90.0
S-113.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB4-HA	-90.0
S-114.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, OMG #14 Roofgrip or Trufast #14 HD Plate Options: Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime	Polyset CRA	FB4-HA	-105.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE (SPATTER) OR FTR-601 PG (SPATTER):								
S-115.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-45.0*



**TABLE 12c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.2)	Attach	Type	Attach (3.1.3)		
S-116.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-45.0*
S-117.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	One or more layers FTR-Value A, FTR-Value H or FTR-Value H Glass Facer	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-45.0*
S-118.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-45.0*
S-119.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-45.0*
S-120.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-45.0*
S-121.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-45.0*
S-122.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-52.5
S-123.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-52.5
S-124.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-60.0
S-125.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-60.0
S-126.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DensDeck, DensDeck Prime, DensDeck StormX Prime, SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO or Polyset CRA	BB3-ATBA or BB4-ATBA	-60.0



**TABLE 12c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.2)	Attach	Type	Attach (3.1.3)		
S-127.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt (full-coverage), FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB5-CR20 or FB6-601PG	-67.5
S-128.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt (full-coverage) or FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB5-CR20 or FB6-601PG	-67.5
S-129.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DensDeck Prime, DensDeck StormX Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO or Polyset CRA, 6-inch o.c.	FB5-CR20 or FB6-601PG	-75.0
S-130.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime, DensDeck StormX Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO or Polyset CRA, 6-inch o.c.	FB5-CR20 or FB6-601PG	-82.5
S-131.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB5-CR20 or FB6-601PG	-90.0
S-132.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	FB5-CR20 or FB6-601PG	-90.0
S-133.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, OMG #14 Roofgrip or Trufast #14 HD Plate Options: Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime	Polyset CRA	FB5-CR20 or FB6-601PG	-105.0



**TABLE 12d: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION(S), BONDED MULTI-PLY ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.2)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-134.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber-Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB2-390, FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-45.0*
S-135.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber-Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB2-390, FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-45.0*
S-136.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber-Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-52.5
S-137.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber-Roof Board	hot asphalt, FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-60.0
S-138.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt (full-coverage), FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-67.5
S-139.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value, FTR-Value A or FTR-Value H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-90.0
S-140.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span or structural concrete	Min. 2-inch FTR-Value A or FTR-Value H	<p>Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, OMG #14 Roofgrip or Trufast #14 HD</p> <p>Plate Options: Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate</p>	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime	Polyset CRA	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-105.0



TABLE 12E: 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:										
S-141.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 2.0 ft ²	None	BlockShield SA Plus or SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H followed by min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	BB1-190E or BB2-190E	-37.5*
S-142.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	None	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-45.0*
S-143.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Cement Roof Board	Section 3.1.1	1 per 4.0 ft ²	ASTM D41	BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-45.0*
S-144.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-52.5
S-145.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-52.5
S-146.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-52.5



TABLE 12E: 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)		
S-147.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-52.5
S-148.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 2.0 ft ²	(Optional) ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-52.5
S-149.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.0 ft ²	None	SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H followed by min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	BB1-190E or BB2-190E	-75.0
S-150.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-75.0
S-151.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-75.0
S-152.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-75.0



TABLE 12E: 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)		
S-153.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-75.0
S-154.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.3 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-75.0
S-155.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-82.5
S-156.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-82.5
S-157.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-82.5



TABLE 12E: 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)		
S-158.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3” Metal Insulation Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-82.5
S-159.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-82.5
S-160.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3” Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA “ELASTOCOL Stick”	VaporTite, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-90.0
S-161.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3” Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA “ELASTOCOL Stick”	FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-90.0
S-162.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3” Metal Insulation Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-90.0



TABLE 12E: 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)		
S-163.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-90.0
S-164.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat) or OMG AccuTrac Flat Bottom Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-105.0
S-165.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-105.0
S-166.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.0 ft ²	None	BlockShield SA Plus, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H followed by min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	BB1-190E or BB2-190E	-135.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:										
S-167.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 2.0 ft ²	None	BlockShield SA Plus or SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H followed by min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-37.5*
S-168.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	None	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-45.0*
S-169.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Cement Roof Board	Section 3.1.1	1 per 4.0 ft ²	ASTM D41	BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-45.0*



TABLE 12E: 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)		
S-170.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-52.5
S-171.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-52.5
S-172.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-52.5
S-173.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-52.5
S-174.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 2.0 ft ²	(Optional) ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-52.5
S-175.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.0 ft ²	None	SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H followed by min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-75.0



TABLE 12E: 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)		
S-176.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-75.0
S-177.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-75.0
S-178.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-75.0
S-179.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-75.0
S-180.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.3 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-75.0



TABLE 12E: 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)		
S-181.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-82.5
S-182.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-82.5
S-183.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-82.5
S-184.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-82.5
S-185.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-82.5



TABLE 12E: 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)		
S-186.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-90.0
S-187.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-90.0
S-188.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-90.0
S-189.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-90.0
S-190.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat) or OMG AccuTrac Flat Bottom Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-105.0



TABLE 12E: 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)		
S-191.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-105.0
S-192.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.0 ft ²	None	BlockShield SA Plus, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H followed by min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-135.0
FIBERTITE-FB APPLICATIONS:										
S-193.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 2.0 ft ²	None	BlockShield SA Plus or SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H followed by min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-37.5*
S-194.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	None	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-45.0*
S-195.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Cement Roof Board	Section 3.1.1	1 per 4.0 ft ²	ASTM D41	BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-45.0*
S-196.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-52.5



TABLE 12E: 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)		
S-197.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3” Metal Insulation Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA “ELASTOCOL Stick”	FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-52.5
S-198.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA “ELASTOCOL Stick”	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-52.5
S-199.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3” Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-52.5
S-200.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 2.0 ft ²	(Optional) ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-52.5
S-201.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.0 ft ²	None	SlopeShield Plus SA, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H followed by min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-75.0
S-202.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3” Metal Insulation Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA “ELASTOCOL Stick”	VaporTite, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-75.0



TABLE 12E: 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)		
S-203.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-75.0
S-204.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-75.0
S-205.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-75.0
S-206.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.3 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-75.0
S-207.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-82.5



TABLE 12E: 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)		
S-208.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-82.5
S-209.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-82.5
S-210.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-82.5
S-211.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-82.5
S-212.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-90.0



TABLE 12E: 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)		
S-213.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-90.0
S-214.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-90.0
S-215.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-90.0
S-216.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat) or OMG AccuTrac Flat Bottom Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-105.0
S-217.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-105.0
S-218.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.0 ft ²	None	BlockShield SA Plus, self-adhering	One or more layer(s), Min. 2-inch FTR-Value A, FTR-Value-III-A, FTR-Value, FTR-Value H followed by min. 0.4375-inch DEXcell Cement Roof Board or min 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or FTR-601 ECO, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-135.0



TABLE 12F: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED MULTI-PLY 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-219.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	None	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-45.0*
S-220.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Cement Roof Board	Section 3.1.1	1 per 4.0 ft ²	ASTM D41	BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-45.0*
S-221.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-52.5
S-222.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-52.5
S-223.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-52.5
S-224.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-52.5
S-225.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 2.0 ft ²	(Optional) ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-52.5



TABLE 12F: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)

SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED MULTI-PLY 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-226.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	(Optional) ASTM D41	BP2-FTRSBSA or BP3-CEFA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-60.0
S-227.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate	1 per 1.3 ft ²	(Optional) ASTM D41	BP2-FTRSBSA or BP3-CEFA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-60.0
S-228.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-75.0
S-229.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-75.0
S-230.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-75.0
S-231.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-75.0



TABLE 12F: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED MULTI-PLY 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-232.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.3 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-75.0
S-233.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-82.5
S-234.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-82.5
S-235.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-82.5
S-236.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-82.5
S-237.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-82.5



TABLE 12F: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED MULTI-PLY 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	Fasten (3.1.1, 4.2.2)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-238.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-90.0
S-239.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-90.0
S-240.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-90.0
S-241.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-90.0
S-242.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat) or OMG AccuTrac Flat Bottom Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-105.0
S-243.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite or FTR SBS Poly SA, self-adhering	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-105.0



**TABLE 12G: 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 Layer (3.1.2)	Top Insulation Layer			Primer	Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (3.1.1, 4.2.2)	Attach			
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:								
S-244.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft ²	None	BB1-190E or BB2-190E	-37.5* (NO HVHZ)
S-245.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	None	BB1-190E or BB2-190E	-45.0*
S-246.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BB1-190E or BB2-190E	-45.0*
S-247.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft ²	None	BB1-190E or BB2-190E	-45.0*
S-248.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	None	BB1-190E or BB2-190E	-67.5
S-249.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	None	BB1-190E or BB2-190E	-67.5
S-250.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft ²	None	BB1-190E or BB2-190E	-82.5
S-251.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	None	BB1-190E or BB2-190E	-97.5



**TABLE 12G: 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 Layer (3.1.2)	Top Insulation Layer			Primer	Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (3.1.1, 4.2.2)	Attach			
S-252.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	None	BB1-190E or BB2-190E	-97.5
S-253.	Min. 22 ga., Type B, Grade 80 steel; 5 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.0 ft ²	(Optional) TruGround Conductive Primer	BB1-190E or BB2-190E	-202.5
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:								
S-254.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft ²	None	BB3-ATBA or BB4-ATBA	-37.5* (NO HVHZ)
S-255.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	None	BB3-ATBA or BB4-ATBA	-45.0*
S-256.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	None	BB3-ATBA or BB4-ATBA	-45.0*
S-257.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft ²	None	BB3-ATBA or BB4-ATBA	-45.0*
S-258.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	None	BB3-ATBA or BB4-ATBA	-67.5
S-259.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	None	BB3-ATBA or BB4-ATBA	-67.5



**TABLE 12G: 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 Layer (3.1.2)	Top Insulation Layer			Primer	Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (3.1.1, 4.2.2)	Attach			
S-260.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft ²	None	BB3-ATBA or BB4-ATBA	-82.5
S-261.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	None	BB3-ATBA or BB4-ATBA	-97.5
S-262.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	None	BB3-ATBA or BB4-ATBA	-97.5
S-263.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H, loose-laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, Dekfast DF-#14-PH3, Dekfast DF-#15-PH3, OMG XHD, Trufast #14 HD or Trufast #15 EHD <u>Plate Options:</u> FiberTite 3-inch Steel Plate, SFS Dekfast PLT-R-3, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	None	BB3-ATBA or BB4-ATBA	-105.0
S-264.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H, loose-laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, OMG XHD, Trufast #14 HD or Trufast #15 EHD <u>Plate Options:</u> FiberTite 3-inch Steel Plate, SFS Dekfast PLT-H-2-7/8, SFS Dekfast PLT-R-3, SFS TPA50, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	None	BB3-ATBA or BB4-ATBA	-105.0
S-265.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H, loose-laid	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, DF-#14-PH3, Dekfast DF-#15-PH3, OMG XHD, Trufast #14 HD or Trufast #15 EHD <u>Plate Options:</u> FiberTite 3-inch Steel Plate, SFS Dekfast PLT-H-2-7/8, SFS Dekfast PLT-R-3, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	None	BB3-ATBA or BB4-ATBA	-157.5
S-266.	Min. 22 ga., Type B, Grade 80 steel; 5 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.0 ft ²	None	BB3-ATBA or BB4-ATBA	-202.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-290:								
S-267.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft ²	None	FB1-290	-37.5* (NO HVHZ)



**TABLE 12G: 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 Layer (3.1.2)	Top Insulation Layer			Primer	Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (3.1.1) , 4.2.2)	Attach			
S-268.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	None	FB1-290	-45.0*
S-269.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	None	FB1-290	-45.0*
S-270.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft ²	None	FB1-290	-45.0*
S-271.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	None	FB1-290	-67.5
S-272.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	None	FB1-290	-67.5
S-273.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft ²	None	FB1-290	-82.5
S-274.	Min. 22 ga., Type B, Grade 80 steel; 5 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.0 ft ²	None	FB1-290	-202.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-390:								
S-275.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft ²	None	FB2-390	-37.5* (NO HVHZ)



**TABLE 12G: 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 Layer (3.1.2)	Top Insulation Layer			Primer	Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (3.1.1, 4.2.2)	Attach			
S-276.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	None	FB2-390	-45.0*
S-277.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	None	FB2-390	-45.0*
S-278.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft ²	None	FB2-390	-45.0*
S-279.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	None	FB2-390	-67.5
S-280.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	None	FB2-390	-67.5
S-281.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft ²	None	FB2-390	-82.5
S-282.	Min. 22 ga., Type B, Grade 80 steel; 5 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.0 ft ²	None	FB2-390	-202.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN HOT ASPHALT:								
S-283.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft ²	None	FB4-HA	-37.5* (NO HVHZ)



**TABLE 12G: 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 Layer (3.1.2)	Top Insulation Layer			Primer	Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (3.1.1, 4.2.2)	Attach			
S-284.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	None	FB4-HA	-45.0*
S-285.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	None	FB4-HA	-45.0*
S-286.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft ²	None	FB4-HA	-45.0*
S-287.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	None	FB4-HA	-67.5
S-288.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	None	FB4-HA	-67.5
S-289.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft ²	None	FB4-HA	-82.5
S-290.	Min. 22 ga., Type B, Grade 80 steel; 5 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.0 ft ²	None	FB4-HA	-202.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE (SPATTER) OR FTR-601 PG (SPATTER):								
S-291.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft ²	None	FB5-CR20, FB6-601PG	-37.5* (NO HVHZ)



**TABLE 12G: 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 Layer (3.1.2)	Top Insulation Layer			Primer	Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (3.1.1, 4.2.2)	Attach			
S-292.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 1.5-inch FTR-Value A	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	None	FB5-CR20, FB6-601PG	-45.0*
S-293.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 1.5-inch FTR-Value H or FTR-Value H Glass Facer	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	None	FB5-CR20, FB6-601PG	-45.0*
S-294.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	None	FB5-CR20, FB6-601PG	-45.0*
S-295.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	None	FB5-CR20, FB6-601PG	-45.0*
S-296.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft ²	None	FB5-CR20	-45.0*
S-297.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	None	FB5-CR20, FB6-601PG	-67.5
S-298.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	None	FB5-CR20, FB6-601PG	-67.5
S-299.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 5/8-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft ²	None	FB5-CR20, FB6-601PG	-82.5
S-300.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	None	FB5-CR20, FB6-601PG	-105.0



**TABLE 12G: 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 Layer (3.1.2)	Top Insulation Layer			Primer	Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (3.1.1, 4.2.2)	Attach			
S-301.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	None	FB5-CR20, FB6-601PG	-105.0
S-302.	Min. 22 ga., Type B, Grade 80 steel; 5 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.0 ft ²	None	FB5-CR20, FB6-601PG	-202.5

**TABLE 12H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED MULTI-PLY ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer (3.1.2)	Top Insulation Layer			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.2)	Attach	Base Ply	Ply	Cap Ply	
S-303.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft ²	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-37.5* (NO HVHZ)
S-304.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB2-390, FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-45.0*
S-305.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-45.0*
S-306.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft ²	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-45.0*



**TABLE 12H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED MULTI-PLY ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer (3.1.2)	Top Insulation Layer			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.2)	Attach	Base Ply	Ply	Cap Ply	
S-307.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-67.5
S-308.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-67.5
S-309.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span or structural concrete	One or more layers, any combination	Min. 5/8-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft ²	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-82.5
S-310.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H, loose-laid	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, DF-#14-PH3, Dekfast DF-#15-PH3, OMG XHD, Trufast #14 HD or Trufast #15 EHD <u>Plate Options:</u> FiberTite 3-inch Steel Plate, SFS Dekfast PLT-H-2-7/8, SFS Dekfast PLT-R-3, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-105.0
S-311.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H, loose-laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, Dekfast DF-#14-PH3, Dekfast DF-#15-PH3, OMG XHD, Trufast #14 HD or Trufast #15 EHD <u>Plate Options:</u> FiberTite 3-inch Steel Plate, SFS Dekfast PLT-R-3, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-105.0
S-312.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H, loose-laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, OMG XHD, Trufast #14 HD or Trufast #15 EHD <u>Plate Options:</u> FiberTite 3-inch Steel Plate, SFS Dekfast PLT-H-2-7/8, SFS Dekfast PLT-R-3, SFS TPA50, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-105.0



**TABLE 12i: STEEL 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 Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.2)	Density		
S-313.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 8 ft ² (Four parts per 4x8 ft board) 2 x 4 ft grid	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-30.0* (NO HVHZ)
S-314.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 8 ft ² (Four parts per 4x8 ft board) 2 x 4 ft grid	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-30.0* (NO HVHZ)
S-315.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 5.3 ft ² (Six parts per 4x8 ft board)	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-30.0* (NO HVHZ)
S-316.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 5.3 ft ² (Six parts per 4x8 ft board)	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-30.0* (NO HVHZ)
S-317.	Min. 22 ga., Type B, Grade 33 steel	One or more layers, any combination, min. 0.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 4.0 ft ² (Eight parts per 4x8 ft board) 2 x 2 ft grid, staggered 6-inches	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5 (NO HVHZ)
S-318.	Min. 22 ga., Type B, Grade 33 steel	One or more layers, any combination, min. 0.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 4.0 ft ² (Eight parts per 4x8 ft board) 2 x 2 ft grid, staggered 6-inches	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5 (NO HVHZ)
S-319.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 8 ft ² (Four parts per 4x8 ft board) 2 x 4 ft grid	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5* (NO HVHZ)



**TABLE 12i: STEEL 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 Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.2)	Density		
S-320.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 8 ft ² (Four parts per 4x8 ft board) 2 x 4 ft grid	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5* (NO HVHZ)
S-321.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 6 ft ² 2x3-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5 (NO HVHZ)
S-322.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 6 ft ² 2x3-ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5 (NO HVHZ)
S-323.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5 (NO HVHZ)
S-324.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	12-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5 (NO HVHZ)
S-325.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	1 per 6 ft ² 2x3-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-45.0*
S-326.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> Trufast PVC IW Plate	1 per 6 ft ² 2x3-ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-45.0*
S-327.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 5.3 ft ² (Six parts per 4x8 ft board)	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0*



**TABLE 12i: STEEL 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 Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.2)	Density		
S-328.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 5.3 ft ² (Six parts per 4x8 ft board)	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0*
S-329.	Min. 22 ga., type B, Grade 33 steel, 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 4.0 ft ² (Eight parts per 4x8 ft board) 2 x 2 ft grid	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0
S-330.	Min. 22 ga., type B, Grade 33 steel, 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 4.0 ft ² (Eight parts per 4x8 ft board) 2 x 2 ft grid	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0
S-331.	Min. 22 ga., type B, Grade 33 steel, 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	1 per 4.0 ft ² 2 x 2 ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool	-45.0
S-332.	Min. 22 ga., type B, Grade 33 steel, 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> Trufast PVC IW Plate	1 per 4.0 ft ² 2 x 2 ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool	-45.0
S-333.	Min. 22 ga., type B, Grade 33 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	2 x 2 ft grid pattern with first row of fasteners spaced 1 ft from corner edges	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-45.0
S-334.	Min. 22 ga., type B, Grade 33 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	2 x 2 ft grid pattern with first row of fasteners spaced 1 ft from corner edges	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-45.0
S-335.	Min. 22 ga., type B, Grade 40 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-45.0



**TABLE 12i: STEEL 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 Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.2)	Density		
S-336.	Min. 22 ga., type B, Grade 40 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	12-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-45.0
S-337.	Min. 22 ga., type B, Grade 80 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0
S-338.	Min. 22 ga., type B, Grade 80 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	12-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-45.0
S-339.	Min. 22 ga., type B, Grade 40 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 6 ft ² 2x3-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-52.5
S-340.	Min. 22 ga., type B, Grade 40 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 6 ft ² 2x3-ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-52.5
S-341.	Min. 22 ga., type B, Grade 80 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 4.0 ft ² 2x2-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-52.5
S-342.	Min. 22 ga., type B, Grade 80 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 4.0 ft ² 2x2-ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-52.5



**TABLE 12i: STEEL 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 Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.2)	Density		
S-343.	Min. 22 ga., type B, Grade 33 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool	-52.5
S-344.	Min. 22 ga., type B, Grade 33 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> Trufast PVC IW Plate	12-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool	-52.5
S-345.	Min. 22 ga., type B, Grade 33 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool	-60.0
S-346.	Min. 22 ga., type B, Grade 33 steel; 6 ft span.	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> Trufast PVC IW Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool	-60.0
S-347.	Min. 22 ga., type B, Grade 80 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	1 per 4.0 ft ² 2x2-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool	-67.5
S-348.	Min. 22 ga., type B, Grade 80 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> Trufast PVC IW Plate	1 per 4.0 ft ² 2x2-ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool	-67.5
S-349.	Min. 22 ga., type B, Grade 33 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1.5 x 2 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-67.5
S-350.	Min. 22 ga., type B, Grade 33 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1.5 x 2 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-67.5



**TABLE 12i: STEEL 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 Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.2)	Density		
S-351.	Min. 22 ga., type B, Grade 33 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 3.2 ft ² (Ten parts per 4x8 ft board) Per FM Data Sheet 1-29	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-75.0
S-352.	Min. 22 ga., type B, Grade 33 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 3.2 ft ² (Ten parts per 4x8 ft board) Per FM Data Sheet 1-29	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-75.0
S-353.	Min. 20 ga., type B, Grade 33 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool	-75.0
S-354.	Min. 20 ga., type B, Grade 33 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> Trufast PVC IW Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool	-75.0
S-355.	Min. 22 ga., type B, Grade 33 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1.5 x 1.5 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-82.5
S-356.	Min. 22 ga., type B, Grade 33 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1.5 x 1.5 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-82.5
S-357.	Min. 22 ga., type B, Grade 40 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 3 ft ² 1.5 x 2-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-82.5
S-358.	Min. 22 ga., type B, Grade 40 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 3 ft ² 1.5 x 2-ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-82.5



**TABLE 12i: STEEL 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 Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.2)	Density		
S-359.	Min. 22 ga., type B, Grade 80 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 3 ft ² 1.5 x 2-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-82.5
S-360.	Min. 22 ga., type B, Grade 80 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 3 ft ² 1.5 x 2-ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-82.5
S-361.	Min. 22 ga., type B, Grade 33 steel; 4 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool	-82.5
S-362.	Min. 22 ga., type B, Grade 33 steel; 4 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> Trufast PVC IW Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool	-82.5
S-363.	Min. 22 ga., type B, Grade 40 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-90.0
S-364.	Min. 22 ga., type B, Grade 40 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-Manufacturer's welding tool	-90.0
S-365.	Min. 22 ga., type B, Grade 80 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-90.0
S-366.	Min. 22 ga., type B, Grade 80 steel; 6 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool	-90.0



TABLE 12i: STEEL 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 Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)	
			Fastener (3.1.1, 4.2.2)	Density			
S-367.	Min. 20 ga., type B, Grade 33 steel; 5 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert		6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool	-90.0
S-368.	Min. 20 ga., type B, Grade 33 steel; 5 ft span	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> Trufast PVC IW Plate		6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool	-90.0
S-369.	Min. 18 ga., Type B, Grade 80 steel; 7 ft- 8 in o.c.	One or more layers, any combination, min. 4.7-inch polyisocyanurate followed by 0.5-inch gypsum cover board	<u>Fastener Options:</u> FiberTite Magnum Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR IW isoweld or SFS isoweld F1-P-6.8-PVC Plate		1 per 1.6 ft ² (20 parts per 4x8 ft board)	FiberTite-XT induction welded plate-manufacturer's welding tool	-120.0
S-370.	Min. 18 ga., Type N, Grade 60 steel; 10 ft span	One or more layers, any combination, min. 2.0-inch polyisocyanurate followed by 0.5-inch gypsum cover board	<u>Fastener Options:</u> FiberTite Magnum Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR IW isoweld or SFS isoweld F1-P-6.8-PVC Plate		1 per 1.45 ft ² (22 parts per 4x8 ft board)	FiberTite-XT induction welded plate-manufacturer's welding tool	-127.5

TABLE 12j: 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 (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.2)	Attachment	
OPEN STYLE, GRADE 33 STEEL:							
S-371.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 95-inch	-30.0 (NO HVHZ)
S-372.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 18 x 51-inch	-45.0
S-373.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Open: 6 x 95-inch	-45.0
S-374.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 69-inch	-45.0



**TABLE 12J: 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 (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.2)	Attachment	
S-375.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-52.5
S-376.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-60.0
S-377.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-52.5
S-378.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-60.0
S-379.	Min. 20 ga., Type B, Grade 33 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-67.5
S-380.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-MagnumT Fastener with FTR Magnum-R275	Open: 6 x 94-inch	-67.5
OPEN STYLE, GRADE 40 STEEL:							
S-381.	Min. 22 ga., Type B, Grade 40 steel; 7 ft span; 5/8" puddle welds 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-45.0
OPEN STYLE, GRADE 80 STEEL:							
S-382.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-MagnumT Fastener with FTR Magnum-R275	Open: 18 x 954-inch	-30.0 (NO HVHZ)
S-383.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR FiberTite Magnum-Plus Stress Plate	Open: 18 x 95-inch	-30.0 (NO HVHZ)
S-384.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 105-inch	-37.5 (NO HVHZ)
S-385.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 18 x 51-inch	-45.0
S-386.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 72-inch	-45.0



**TABLE 12J: 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 (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.2)	Attachment	
S-387.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Open: 6 x 144-inch	-45.0
S-388.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-MagnumT Fastener with FTR Magnum-R275	Open: 12 x 94-inch	-45.0
S-389.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR FiberTite Magnum-Plus Stress Plate	Open: 12 x 95-inch	-45.0
S-390.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR FiberTite Magnum-Plus Stress Plate	Open: 6 x 95-inch	-52.5
S-391.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-60.0
S-392.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Open: 6 x 72-inch	-67.5
S-393.	Min. 22 ga., Type BV, Grade 80 steel; 5 ft span	Min. 2-inch thick, min. 200 psi Elastizell Lightweight Insulating Concrete	N/A	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate through to engage steel deck	Open: 12 x 51-inch	-75.0
S-394.	Min. 22 ga., Type B, Grade 80 steel; 5 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-75.0
S-395.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 24-inch	-82.5
CLOSED STYLE, GRADE 33 STEEL:							
S-396.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Closed: 6 x 95-inch	-45.0
S-397.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. Attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate	Closed: 12 x 69-inch	-45.0
S-398.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. Attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate	Closed: 6 x 69-inch	-60.0



**TABLE 12J: 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 (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.2)	Attachment	
S-399.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. Attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 104.5-inch	-60.0
CLOSED STYLE, GRADE 50 STEEL:							
S-400.	Min. 18 ga., Type B, Grade 50 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite XT	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate	Closed: 6 x 48.5-inch	-157.5
CLOSED STYLE, GRADE 80 STEEL:							
S-401.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 12 x 104.5-inch	-45.0
S-402.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Closed: 6 x 144-inch	-52.5
S-403.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 104.5-inch	-75.0
S-404.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 94-inch	-82.5
S-405.	Min. 22 ga., Type B, Grade 80 steel; 5 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 104.5-inch	-90.0
S-406.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 47-inch	-112.5



**TABLE 13A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Primer	Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)			
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLIED IN FTR-190E:								
C-1.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	None	BB1-190E or BB2-190E	-410.0
C-2.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	None	BB1-190E or BB2-190E	-290.0
C-3.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	None	BB1-190E or BB2-190E	-375.0
C-4.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	None	BB1-190E or BB2-190E	-232.5
C-5.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	None	BB1-190E or BB2-190E	-232.5
C-6.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	BB1-190E or BB2-190E	-247.5
C-7.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	None	BB1-190E or BB2-190E	-135.0
C-8.	Structural concrete	Min. 1.5-inch FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG, 6-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG, 6-inch o.c.	None	BB1-190E or BB2-190E	-417.5
C-9.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	None	BB1-190E or BB2-190E	-417.5
C-10.	Structural concrete	Min. 1.0-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 4-inch o.c.	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 4-inch o.c.	TruGround Conductive Primer	BB1-190E or BB2-190E	-505.0
C-11.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 4-inch o.c.	TruGround Conductive Primer	BB1-190E or BB2-190E	-792.5
C-12.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR-601 ECO	(Optional) Additional layer(s) of base insulation	FTR-601 ECO	None	BB1-190E or BB2-190E	-232.5
C-13.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime	FTR-601 ECO	None	BB1-190E or BB2-190E	-232.5



**TABLE 13A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
 REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS**

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Primer	Roof Cover (3.1.4)	MDP (psf) *
		Type	Attach (3.1.3)	Type	Attach (3.1.3)			
C-14.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	None	BB1-190E or BB2-190E	-247.5
C-15.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR-601 ECO	None	BB1-190E or BB2-190E	-135.0
C-16.	Structural concrete	Min. 1.5-inch FTR-Value A or FTR-Value H	FTR-601 ECO, 6-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR-601 ECO, 6-inch o.c.	None	BB1-190E or BB2-190E	-417.5
C-17.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO, 6-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO, 6-inch o.c.	None	BB1-190E or BB2-190E	-417.5
C-18.	Structural concrete	Min. 1.0-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO, 4-inch o.c.	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO, 4-inch o.c.	TruGround Conductive Primer	BB1-190E or BB2-190E	-505.0
C-19.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO, 4-inch o.c.	TruGround Conductive Primer	BB1-190E or BB2-190E	-792.5
C-20.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	(Optional) Additional layer(s) of base insulation	OB500	None	BB1-190E or BB2-190E	-150.0
C-21.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck or DensDeck Prime	OB500	None	BB1-190E or BB2-190E	-150.0
C-22.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	None	BB1-190E or BB2-190E	-247.5
C-23.	Structural concrete	Min. 1.0-inch FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	OB500, 4-inch o.c.	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500, 4-inch o.c.	TruGround Conductive Primer	BB1-190E or BB2-190E	-505.0
C-24.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500, 4-inch o.c.	TruGround Conductive Primer	BB1-190E or BB2-190E	-792.5
C-25.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	(Optional) Additional layer(s) of base insulation	Polysset CRA	None	BB1-190E or BB2-190E	-410.0
C-26.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	Polysset CRA	Min. 0.25-inch DensDeck	Polysset CRA	None	BB1-190E or BB2-190E	-240.0



TABLE 13A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER* REFER TO TABLE VB-1 FOR VAPOR BARRIER OPTIONS								
System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Primer	Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)			
C-27.	Structural concrete	(Optional) Min. 1-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	Polysset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	None	BB1-190E or BB2-190E	-290.0
C-28.	Structural concrete	(Optional) Min. 1-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	Polysset CRA	Min. 7/16-inch DEXcell Cement Roof Board	Polysset CRA	None	BB1-190E or BB2-190E	-375.0
C-29.	Structural concrete	Min. 1.0-inch FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	Polysset CRA, 4-inch o.c.	(Optional) Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA, 4-inch o.c.	TruGround Conductive Primer	BB1-190E or BB2-190E	-505.0
C-30.	Structural concrete	None	N/A	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA, 4-inch o.c.	TruGround Conductive Primer	BB1-190E or BB2-190E	-792.5
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM or FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:								
C-31.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	None	BB3-ATBA or BB4-ATBA	-410.0
C-32.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	None	BB3-ATBA or BB4-ATBA	-290.0
C-33.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt	None	BB3-ATBA or BB4-ATBA	-375.0
C-34.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	None	BB3-ATBA or BB4-ATBA	-232.5
C-35.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime	FTR 601 or FTR-601 PG	None	BB3-ATBA or BB4-ATBA	-232.5
C-36.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	BB3-ATBA or BB4-ATBA	-247.5
C-37.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	None	BB3-ATBA or BB4-ATBA	-135.0
C-38.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG, 6-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG, 6-inch o.c.	None	BB3-ATBA or BB4-ATBA	-417.5
C-39.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	None	BB3-ATBA or BB4-ATBA	-417.5



**TABLE 13A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
 REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS**

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Primer	Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)			
C-40.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 4-inch o.c.	None	BB3-ATBA or BB4-ATBA	-792.5
C-41.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR-601 ECO	(Optional) Additional layer(s) of base insulation	FTR-601 ECO	None	BB3-ATBA or BB4-ATBA	-232.5
C-42.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime	FTR-601 ECO	None	BB3-ATBA or BB4-ATBA	-232.5
C-43.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	None	BB3-ATBA or BB4-ATBA	-247.5
C-44.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR-601 ECO	None	BB3-ATBA or BB4-ATBA	-135.0
C-45.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR-601 ECO, 6-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR-601 ECO, 6-inch o.c.	None	BB3-ATBA or BB4-ATBA	-417.5
C-46.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO, 6-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO, 6-inch o.c.	None	BB3-ATBA or BB4-ATBA	-417.5
C-47.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO, 4-inch o.c.	None	BB3-ATBA or BB4-ATBA	-792.5
C-48.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	(Optional) Additional layer(s) of base insulation	OB500	None	BB3-ATBA or BB4-ATBA	-150.0
C-49.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck Prime	OB500	None	BB3-ATBA or BB4-ATBA	-150.0
C-50.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	None	BB3-ATBA or BB4-ATBA	-247.5
C-51.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500, 4-inch o.c.	None	BB3-ATBA or BB4-ATBA	-792.5
C-52.	Structural concrete	Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysat CRA	(Optional) Additional layer(s) of base insulation	Polysat CRA	None	BB3-ATBA or BB4-ATBA	-410.0



**TABLE 13A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
 REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS**

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Primer	Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)			
C-53.	Structural concrete	(Optional) Min. 1-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	Polysset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	None	BB3-ATBA or BB4-ATBA	-290.0
C-54.	Structural concrete	None	N/A	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA, 4-inch o.c.	None	BB3-ATBA or BB4-ATBA	-792.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-290:								
C-55.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	None	FB1-290	-410.0
C-56.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	None	FB1-290	-290.0
C-57.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	None	FB1-290	-375.0
C-58.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	None	FB1-290	-232.5
C-59.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	None	FB1-290	-232.5
C-60.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	FB1-290	-247.5
C-61.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	None	FB1-290	-135.0
C-62.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	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	FTR 601 or FTR-601 PG, 6-inch o.c.	None	FB1-290	-417.5
C-63.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 4-inch o.c.	None	FB1-290	-792.5
C-64.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR-601 ECO	(Optional) Additional layer(s) of base insulation	FTR-601 ECO	None	FB1-290	-232.5



**TABLE 13A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
 REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS**

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Primer	Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)			
C-65.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime	FTR-601 ECO	None	FB1-290	-232.5
C-66.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	None	FB1-290	-247.5
C-67.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR-601 ECO	None	FB1-290	-135.0
C-68.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO, 6-inch o.c.	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	FTR-601 ECO, 6-inch o.c.	None	FB1-290	-417.5
C-69.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO, 4-inch o.c.	None	FB1-290	-792.5
C-70.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	(Optional) Additional layer(s) of base insulation	OB500	None	FB1-290	-150.0
C-71.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck or DensDeck Prime	OB500	None	FB1-290	-150.0
C-72.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	None	FB1-290	-247.5
C-73.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500, 4-inch o.c.	None	FB1-290	-792.5
C-74.	Structural concrete	Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysat CRA	(Optional) Additional layer(s) of base insulation	Polysat CRA	None	FB1-290	-410.0
C-75.	Structural concrete	(Optional) Min. 1-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	Polysat CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysat CRA	None	FB1-290	-290.0
C-76.	Structural concrete	(Optional) Min. 1-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	Polysat CRA	Min. 7/16-inch DEXcell Cement Roof Board	Polysat CRA	None	FB1-290	-375.0
C-77.	Structural concrete	None	N/A	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polysat CRA, 4-inch o.c.	None	FB1-290	-792.5



TABLE 13A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
 REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Primer	Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)			
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-390 OR FTR-490:								
C-78.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	None	FB2-390 or FB3-490	-410.0
C-79.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	None	FB2-390 or FB3-490	-290.0
C-80.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	None	FB2-390 or FB3-490	-375.0
C-81.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	None	FB2-390 or FB3-490	-232.5
C-82.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	FB2-390 or FB3-490	-232.5
C-83.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	None	FB2-390 or FB3-490	-135.0
C-84.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	None	FB2-390 or FB3-490	-417.5
C-85.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	None	FB3-490	-417.5
C-86.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 4-inch o.c.	None	FB2-390 or FB3-490	-792.5
C-87.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR-601 ECO	(Optional) Additional layer(s) of base insulation	FTR-601 ECO	None	FB2-390 or FB3-490	-232.5
C-88.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	None	FB2-390 or FB3-490	-232.5
C-89.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR-601 ECO	None	FB2-390 or FB3-490	-135.0
C-90.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO, 6-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR-601 ECO, 6-inch o.c.	None	FB2-390 or FB3-490	-417.5



**TABLE 13A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
 REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS**

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Primer	Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)			
C-91.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO, 6-inch o.c.	None	FB3-490	-417.5
C-92.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO, 4-inch o.c.	None	FB2-390 or FB3-490	-792.5
C-93.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	(Optional) Additional layer(s) of base insulation	OB500	None	FB2-390 or FB3-490	-150.0
C-94.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	None	FB2-390 or FB3-490	-150.0
C-95.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500, 4-inch o.c.	None	FB2-390 or FB3-490	-792.5
C-96.	Structural concrete	Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	(Optional) Additional layer(s) of base insulation	Polysset CRA	None	FB2-390 or FB3-490	-410.0
C-97.	Structural concrete	(Optional) Min. 1-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	Polysset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	None	FB2-390 or FB3-490	-290.0
C-98.	Structural concrete	(Optional) Min. 1-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	Polysset CRA	Min. 7/16-inch DEXcell Cement Roof Board	Polysset CRA	None	FB2-390 or FB3-490	-375.0
C-99.	Structural concrete	None	N/A	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA, 4-inch o.c.	None	FB2-390 or FB3-490	-792.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB or FIBERTITE-XTREME FB APPLIED IN HOT ASPHALT:								
C-100.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	None	FB4-HA	-290.0
C-101.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	None	FB4-HA	-375.0
C-102.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG Facer	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	None	FB4-HA	-232.5
C-103.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG Facer	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	FB4-HA	-247.5



**TABLE 13A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
 REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS**

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Primer	Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)			
C-104.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	None	FB4-HA	-135.0
C-105.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	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	FTR 601 or FTR-601 PG, 6-inch o.c.	None	FB4-HA	-417.5
C-106.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 4-inch o.c.	None	FB4-HA	-792.5
C-107.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime	FTR-601 ECO	None	FB4-HA	-232.5
C-108.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	None	FB4-HA	-247.5
C-109.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR-601 ECO	None	FB4-HA	-135.0
C-110.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO, 6-inch o.c.	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	FTR-601 ECO, 6-inch o.c.	None	FB4-HA	-417.5
C-111.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO, 4-inch o.c.	None	FB4-HA	-792.5
C-112.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck or DensDeck Prime	OB500	None	FB4-HA	-150.0
C-113.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	None	FB4-HA	-247.5
C-114.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500, 4-inch o.c.	None	FB4-HA	-792.5
C-115.	Structural concrete	(Optional) Min. 1-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	Polysset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	None	FB4-HA	-290.0



**TABLE 13A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
 REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS**

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Primer	Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)			
C-116.	Structural concrete	(Optional) Min. 1-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	Polysset CRA	Min. 7/16-inch DEXcell Cement Roof Board	Polysset CRA	None	FB4-HA	-375.0
C-117.	Structural concrete	None	N/A	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA, 4-inch o.c.	None	FB4-HA	-792.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB or FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE (SPATTER) OR FTR-601 PG (SPATTER):								
C-118.	Structural concrete	Min. 1.5-inch FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	None	FB5-CR20	-97.5
C-119.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	None	FB5-CR20 or FB6-601PG	-210.0
C-120.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	hot asphalt	Min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	None	FB5-CR20	-375.0
C-121.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	FB5-CR20 or FB6-601PG	-210.0
C-122.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	None	FB5-CR20	-135.0
C-123.	Structural concrete	Min. 1.5-inch FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG, 6-inch o.c.	None	FB5-CR20	-417.5
C-124.	Structural concrete	Min. 1.5-inch FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG, 6-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG, 6-inch o.c.	None	FB6-601PG	-417.5
C-125.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	None	FB5-CR20 or FB6-601PG	-417.5
C-126.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	None	FB5-CR20 or FB6-601PG	-417.5
C-127.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 4-inch o.c.	None	FB5-CR20 or FB6-601PG	-792.5
C-128.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	None	FB5-CR20 or FB6-601PG	-210.0



**TABLE 13A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
 REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS**

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Primer	Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)			
C-129.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 7/16-inch DEXcell Cement Roof Board	FTR-601 ECO	None	FB5-CR20	-135.0
C-130.	Structural concrete	Min. 1.5-inch FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO, 6-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR-601 ECO, 6-inch o.c.	None	FB5-CR20	-417.5
C-131.	Structural concrete	Min. 1.5-inch FTR-Value A or FTR-Value H	FTR-601 ECO, 6-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR-601 ECO, 6-inch o.c.	None	FB6-601PG	-417.5
C-132.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO, 6-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO, 6-inch o.c.	None	FB5-CR20 or FB6-601PG	-417.5
C-133.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	FTR-601 ECO, 6-inch o.c.	None	FB5-CR20 or FB6-601PG	-417.5
C-134.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO, 4-inch o.c.	None	FB5-CR20 or FB6-601PG	-792.5
C-135.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	None	FB5-CR20 or FB6-601PG	-105.0
C-136.	Structural concrete	None	N/A	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500, 4-inch o.c.	None	FB5-CR20 or FB6-601PG	-792.5
C-137.	Structural concrete	(Optional) Min. 1-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	Polysset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	None	FB5-CR20, FB6-601PG	-210.0
C-138.	Structural concrete	(Optional) Min. 1-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	Polysset CRA	Min. 7/16-inch DEXcell Cement Roof Board	Polysset CRA	None	FB5-CR20, FB6-601PG	-375.0
C-139.	Structural concrete	None	N/A	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA, 4-inch o.c.	None	FB5-CR20 or FB6-601PG	-792.5



**TABLE 13B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED MULTI-PLY ROOF COVER***

REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)			MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-390:									
C-140.	Structural concrete primed with ASTM D41	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-232.5
C-141.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-232.5
C-142.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP2-FTRSBSA	None	FB2-390	-67.5
C-143.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-232.5
C-144.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	BP2-FTRSBSA	None	FB2-390	-67.5
C-145.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-232.5
C-146.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	BP2-FTRSBSA	None	FB2-390	-67.5
C-147.	Structural concrete	(Optional) Min. 1-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	Polysset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-232.5
C-148.	Structural concrete	(Optional) Min. 1-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	Polysset CRA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	BP2-FTRSBSA	None	FB2-390	-67.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN HOT ASPHALT:									
C-149.	Structural concrete primed with ASTM D41	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-232.5
C-150.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-232.5
C-151.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-105.0



**TABLE 13B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED MULTI-PLY ROOF COVER***

REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)			MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
C-152.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
C-153.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
C-154.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-232.5
C-155.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR-601 ECO	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-105.0
C-156.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
C-157.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR-601 ECO, 6-inch o.c.	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
C-158.	Structural concrete	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	O5B00	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-232.5
C-159.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-105.0
C-160.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
C-161.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500, 6-inch o.c.	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
C-162.	Structural concrete	(Optional) Min. 1-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	Polysset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-232.5
C-163.	Structural concrete	(Optional) Min. 1-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	Polysset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5



**TABLE 13B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED MULTI-PLY ROOF COVER***

REFER TO [TABLE VB-1](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)			MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE, FTR-601 PG OR COLPLY EF ADHESIVE:									
C-164.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
C-165.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-105.0
C-166.	Structural concrete	Min. 1.5-inch FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA or BP4-TA	FB5-CR20	-127.5
C-167.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
C-168.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
C-169.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR-601 ECO	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-105.0
C-170.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR-601 ECO, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
C-171.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
C-172.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-105.0
C-173.	Structural concrete	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
C-174.	Structural concrete	(Optional) Min. 1-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset CRA	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
C-175.	Structural concrete	Min. 1.5-inch FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer over FTR SBS Poly 3.7. FTR SBS Poly 3.7 adhered with FTR SBS Adhesive, 12-inch o.c.	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA or BP4-TA	FB5-CR20	-225.0



**TABLE 13c: 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 Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.2)	Density		
C-176.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 8 ft ² (Four parts per 4x8 ft board) 2 x 4 ft grid	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5* (NO HVHZ)
C-177.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 8 ft ² (Four parts per 4x8 ft board) 2 x 4 ft grid	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5* (NO HVHZ)
C-178.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 5.3 ft ² (Six parts per 4x8 ft board)	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0*
C-179.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 5.3 ft ² (Six parts per 4x8 ft board)	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0*
C-180.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> OMG #14 Heavy Duty Fastener (min. 1.5-inch embedment) <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	1 per 6 ft ² 2x3-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-45.0*
C-181.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> OMG #14 Heavy Duty Fastener (min. 1.5-inch embedment) <u>Plate Options:</u> Trufast PVC IW Plate	1 per 6 ft ² 2x3-ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-45.0*
C-182.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 4.0 ft ² (Eight parts per 4x8 ft board) 2 x 2 ft grid	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0
C-183.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 4.0 ft ² (Eight parts per 4x8 ft board) 2 x 2 ft grid	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0
C-184.	Structural concrete	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	2 x 2 ft grid pattern with first row of fasteners spaced 1 ft from corner edges	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0



**TABLE 13c: 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 Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.2)	Density		
C-185.	Structural concrete	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	2 x 2 ft grid pattern with first row of fasteners spaced 1 ft from corner edges	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0
C-186.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0
C-187.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	12-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0
C-188.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 6 ft ² 2 x 3 ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-52.5
C-189.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 6 ft ² 2 x 3 ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-52.5
C-190.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> OMG #14 Heavy Duty Fastener (min. 1.5-inch embedment) <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-52.5
C-191.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> OMG #14 Heavy Duty Fastener (min. 1.5-inch embedment) <u>Plate Options:</u> Trufast PVC IW Plate	12-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-52.5
C-192.	Structural concrete	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1.5 x 2 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-67.5
C-193.	Structural concrete	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1.5 x 2 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-67.5



**TABLE 13c: 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 Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.2)	Density		
C-194.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> OMG #14 Heavy Duty Fastener (min. 1.5-inch embedment) <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	1 per 4 ft ² 2x2-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-67.5
C-195.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> OMG #14 Heavy Duty Fastener (min. 1.5-inch embedment) <u>Plate Options:</u> Trufast PVC IW Plate	1 per 6 ft ² 2x2-ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-67.5
C-196.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 3.2 ft ² (Ten parts per 4x8 ft board) Per FM Data Sheet 1-29	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-75.0
C-197.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 3.2 ft ² (Ten parts per 4x8 ft board) Per FM Data Sheet 1-29	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-75.0
C-198.	Structural concrete	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1.5 x 1.5 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
C-199.	Structural concrete	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1.5 x 1.5 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
C-200.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 3 ft ² 1.5 x 2 ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
C-201.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 3 ft ² 1.5 x 2 ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
C-202.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-90.0



**TABLE 13c: 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 Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.2)	Density		
C-203.	Structural concrete	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-90.0
C-204.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch	Fastener Options: OMG #14 Heavy Duty Fastener (min. 1.5-inch embedment) Plate Options: FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-90.0
C-205.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch	Fastener Options: OMG #14 Heavy Duty Fastener (min. 1.5-inch embedment) Plate Options: Trufast PVC IW Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-90.0

**TABLE 13d: 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 (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.2)	Attachment	
OPEN STYLE:							
C-206.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	Trufast ¼" Concrete Spike with FTR Magnum-R275	Open: 18 x 95-inch	-30.0 (NO HVHZ)
C-207.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG #14 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 18 x 104.5-inch	-37.5 (NO HVHZ)
C-208.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	Trufast ¼" Concrete Spike with FTR Magnum-R275	Open: 12 x 95-inch	-45.0
C-209.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 18 x 51-inch	-45.0
C-210.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 72-inch	-45.0
C-211.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plate	Open: 6 x 95-inch	-45.0
C-212.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plate	Open: 6 x 144-inch	-45.0
C-213.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 96-inch	-52.5
C-214.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	Trufast ¼" Concrete Spike with FTR Magnum-R275	Open: 6 x 95-inch	-67.5
C-215.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-67.5



**TABLE 13D: 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 (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.2)	Attachment	
C-216.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plate	Open: 6 x 72-inch	-67.5
C-217.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 24-inch	-82.5
C-218.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG #14 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-112.5
CLOSED STYLE:							
C-219.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plate	Closed: 6 x 95-inch	-45.0
C-220.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plate	Closed: 6 x 144-inch	-52.5
C-221.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 94-inch	-82.5
C-222.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 104.5-inch	-90.0
C-223.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 47-inch	-112.5

**TABLE 13E: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE F: NON-INSULATED, BONDED MULTI-PLY ROOF COVER***

System No.	Deck (4.1.2)	Roof Cover (3.1.4)			MDP (psf)*
		Base Ply	Ply	Cap Ply	
C-224.	Structural concrete	None	N/A	FB6-601PG	-112.5
C-225.	Structural concrete primed; ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
C-226.	Structural concrete	None	None	FB2-390	-237.5
C-227.	Structural concrete primed; ASTM D41	SOPREMA "Elastophene SP 2.2" or "Elastophene SP 3.0", torch-applied	None	FB2-390	-320.0
C-228.	Structural concrete sealed; PVA	None	N/A	FB1-290	-377.0
C-229.	Structural concrete	None	N/A	FB3-490	-442.5
C-230.	Structural concrete	None	N/A	FB3-490 (FiberTite-XT FB only)	-495.0
C-231.	Structural concrete	None	N/A	FB5-CR20	-495.0



**TABLE 13E: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE F: NON-INSULATED, BONDED MULTI-PLY ROOF COVER***

System No.	Deck (4.1.2)	Roof Cover (3.1.4)			MDP (psf)*
		Base Ply	Ply	Cap Ply	
C-232.	Structural concrete primed; ASTM D41	None	N/A	FB4-HA	-572.5

**TABLE 13F: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE G: PERIMETER ATTACHED ROOF COVER, PRESSURE EQUALIZING VENT**

System No.	Deck (4.1.2)	Air Barrier	Insulation	Underlayment	Roof Cover		MDP (psf)
					Type	Attach	
C-233.	Structural concrete	One or two plies, ASTM D4601 base sheet, applied in full mopping of hot asphalt	(Optional) Any fire classified roof insulation and/or coverboard combination, any thickness, loose-laid with staggered joints	12-inch wide strips of polypropylene, air permeable filter fabric, loose laid in a crossing pattern, connecting the V2T vents	FiberTite, XT, SM, Xtreme, FB, XT-FB, SM-FB or Xtreme FB	V2T (FBC FL27944) installed in accordance with V2T IP, LLC instructions, spaced maximum 50 ft o.c.	-97.5 (NO HVHZ)

**TABLE 14A: LIGHTWEIGHT CONCRETE DECKS - REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, 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 4.2.2). 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, 4.2.2)	Base Insulation Layer		Top Insulation		Roof Cover (3.1.4)	MDP (psf)* ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLICATIONS:							
LWC-1.	Min. 400 psi, pre-existent cellular lightweight insulating concrete.	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BB1-190E, BB2-190E, BB3-ATBA or BB4-ATBA	-90.0
LWC-2.	Min. 400 psi, pre-existent cellular lightweight insulating concrete.	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG, 6-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E, BB2-190E, BB3-ATBA or BB4-ATBA	-120.0
LWC-3.	Min. 240 psi, pre-existent cellular lightweight insulating concrete.	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H or Insulfoam IX	Polysset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	BB1-190E, BB2-190E, BB3-ATBA or BB4-ATBA	-180.0
FIBERTITE-FB APPLICATIONS:							
LWC-4.	Min. 400 psi, pre-existent cellular lightweight insulating concrete.	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB1-290, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-90.0
LWC-5.	Min. 400 psi, pre-existent cellular lightweight insulating concrete.	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG, 6-inch o.c.	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-120.0
LWC-6.	Min. 240 psi, pre-existent cellular lightweight insulating concrete.	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H or Insulfoam IX	Polysset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	FB1-290, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-180.0



**TABLE 14b: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)
 SYSTEM TYPE A-2: BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER***

System No.	Deck (4.1.2)	Vapor Barrier (3.1.4)	Lightweight Concrete (3.1.2)	Insulation Layer(s)		Roof Cover (3.1.4)	MDP* (psf)
				Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLICATIONS:							
LWC-7.	Structural concrete primed with ELASTOCOL 500	FTR SBS Poly 3.7, torch-applied	Min. 370 psi, min. 2-inch thick Celcore lightweight concrete with 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO or OB500	BB1-190E, BB2-190E, BB3-ATBA, BB4-ATBA	-392.5
LWC-8.	Structural concrete primed with ELASTOCOL 500	FTR SBS Poly 3.7, torch-applied	Min. 370 psi, min. 2-inch thick Celcore lightweight concrete with 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound	Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR-601 ECO	BB1-190E, BB2-190E, BB3-ATBA, BB4-ATBA	-392.5
FIBERTITE-FB APPLICATIONS:							
LWC-9.	Structural concrete primed with ELASTOCOL 500	FTR SBS Poly 3.7, torch-applied	Min. 370 psi, min. 2-inch thick Celcore lightweight concrete with 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO or OB500	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-392.5
LWC-10.	Structural concrete primed with ELASTOCOL 500	FTR SBS Poly 3.7, torch-applied	Min. 370 psi, min. 2-inch thick Celcore lightweight concrete with 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound	Min. 0.5-inch SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR-601 ECO	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-392.5

**TABLE 14c: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER***

System No.	Deck (4.1.2)	Vapor Barrier (3.1.4)	Lightweight Concrete (3.1.2)			Roof Cover (3.1.4)	MDP (psf)*
			Deck Treatment	LWC	Surface Treatment		
CELCORE:							
LWC-11.	Min. 22 ga., type BV, Grade 33 steel; 6 ft spans	None	None	Min. 200 psi, min. 2-inch thick Celcore Cellular Concrete	Celcore PVA Curing Compound	FB1-290, FB2-390 or FB3-490	-45.0
LWC-12.	Min. 22 ga., type BV, Grade 33 steel; 5 ft spans	None	None	Min. 300 psi, min. 2-inch thick Celcore Cellular Concrete	Celcore PVA Curing Compound	FB1-290, FB2-390 or FB3-490	-67.5
LWC-13.	Structural concrete primed with ELASTOCOL 500	FTR SBS Poly 3.7, torch-applied	None	Min. 370 psi, min. 2-inch thick Celcore lightweight concrete with 1-inch thick, 1.0 pcf EPS holey board.	Celcore PVA Curing Compound	FB1-290, FB2-390, FB3-490 or FB5-CR20	-97.5
LWC-14.	Min. 22 ga., type B, Grade 40 steel; 6 ft spans	None	Celcore S-1 Deck Preparation Slurry	Min. 390 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	FB1-290, FB2-390, FB3-490 or FB5-CR20	-127.5
LWC-15.	Structural concrete	(Optional) SBA-AA or BP4-TA	None	Min. 390 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	FB1-290, FB2-390, FB3-490 or FB5-CR20	-172.5



**TABLE 14c: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER***

System No.	Deck (4.1.2)	Vapor Barrier (3.1.4)	Lightweight Concrete (3.1.2)			Roof Cover (3.1.4)	MDP (psf)*
			Deck Treatment	LWC	Surface Treatment		
LWC-16.	Structural concrete	None	None	Min. 300 psi, min. 2-inch thick Celcore Cellular Concrete	Celcore PVA Curing Compound	FB2-390 or FB3-490	-272.5
LWC-17.	Structural concrete	None	None	Min. 300 psi, min. 2-inch thick Celcore Cellular Concrete	Celcore PVA Curing Compound	FB1-290	-302.5
LWC-18.	Structural concrete primed with ELASTOCOL 500	FTR SBS Poly 3.7, torch-applied	None	Min. 370 psi, min. 2-inch thick Celcore lightweight concrete with 1-inch thick, 1.0 pcf EPS holey board.	Celcore PVA Curing Compound	FB8-601ECO	-382.5
CONCRECEL:							
LWC-19.	Structural concrete	None	None	Min. 300 psi, min. 2.25-inch thick Concrecel Cellular LWIC	Concrecel Curing Compound	FB1-290 or FB3-490	-405.0
ELASTIZELL:							
LWC-20.	Min. 22 ga., type B, Grade 50 steel; 6 ft spans	None	None	Min. 190 psi, Min. 2-inch thick, Range II Elastizell Lightweight Concrete with Zell-Crete Fibers	None	FB1-290, FB2-390, FB3-490 or FB5-CR20	-45.0
LWC-21.	Min. 22 ga., type BV, Grade 33 steel; 5 ft spans	None	None	Min. 300 psi, min. 2-inch thick Elastizell Lightweight Concrete	polyvinyl alcohol (PVA)	FB1-290, FB2-390 or FB3-490	-67.5
LWC-22.	Min. 22 ga., type B, Grade 40 steel; 6 ft spans	None	None	Min. 390 psi, Min. 2-inch thick, Range II Elastizell Lightweight Concrete	polyvinyl alcohol (PVA)	FB3-490	-82.5
LWC-23.	Min. 22 ga., type BV, Grade 33 steel; 6 ft spans	None	None	Min. 200 psi, min. 2-inch thick, Range II Elastizell Lightweight Concrete with Zell-Crete Fibers in the top coat. Min. 2-inch thick, min. 1.0 pcf EPS holey board is optional.	None	FB5-CR20	-105.0
LWC-24.	Min. 22 ga., type BV, Grade 33 steel; 5 ft spans	None	None	Min. 250 psi, min. 3-inch thick, Range II Elastizell Lightweight Concrete with or without optional Zell-Crete Fibers in the top coat. Min. 2-inch thick, min. 1.0 pcf EPS holey board.	None	FB5-CR20	-112.5
LWC-25.	Structural concrete	None	None	Min. 200 psi, min. 2-inch thick, Range II Elastizell Lightweight Concrete. Min. 1-inch thick, min. 1.0 pcf EPS holey board is optional.	None	FB5-CR20	-240.0
LWC-26.	Structural concrete	None	None	Min. 340 psi, min. 2-inch thick Elastizell Lightweight Insulating Concrete with 2-inch thick EPS holey board	None	FB5-CR20	-252.5
LWC-27.	Structural concrete	None	None	Min. 300 psi, min. 2-inch thick Elastizell Lightweight Concrete	polyvinyl alcohol (PVA)	FB2-390	-272.5
LWC-28.	Structural concrete	None	None	Min. 300 psi, min. 2-inch thick Elastizell Lightweight Concrete	polyvinyl alcohol (PVA)	FB1-290 or FB3-490	-302.5
LWC-29.	Structural concrete	None	None	Min. 450 psi, min. 2-inch thick, Range II Elastizell Lightweight Concrete. No EPS holey board.	None	FB5-CR20	-502.5



**TABLE 14c: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER***

System No.	Deck (4.1.2)	Vapor Barrier (3.1.4)	Lightweight Concrete (3.1.2)			Roof Cover (3.1.4)	MDP (psf)*
			Deck Treatment	LWC	Surface Treatment		
MEARLCRETE:							
LWC-30.	Min. 22 ga., type BV, Grade 33 steel; 5 ft spans	None	None	Min. 300 psi, min. 2-inch thick Mearlcrete	polyvinyl alcohol (PVA)	FB1-290, FB2-390 or FB3-490	-67.5
LWC-31.	Min. 22 ga., type B, Grade 40 steel; 6 ft spans	None	None	Min. 390 psi, Min. 2-inch thick, Mearlcrete	polyvinyl alcohol (PVA)	FB1-290, FB2-390, FB3-490 or FB5-CR20	-90.0
LWC-32.	Structural concrete	None	None	Min. 300 psi, min. 2-inch thick Mearlcrete	polyvinyl alcohol (PVA)	FB2-390 or FB3-490	-272.5
LWC-33.	Structural concrete	None	None	Min. 300 psi, min. 2-inch thick Mearlcrete	polyvinyl alcohol (PVA)	FB1-290	-302.5

**TABLE 15A: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLICATIONS:							
CWF-1.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	(Optional) Additional layer(s) of base insulation	Polysset CRA	BB1-190E or BB2-190E	-75.0
CWF-2.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	(Optional) Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	Optional additional layer(s) of base insulation followed by min. 0.25-inch DensDeck Prime	Polysset CRA	BB1-190E or BB2-190E	-75.0
CWF-3.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polysset CRA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, Polysset CRA or OB500	BB1-190E or BB2-190E	-82.5
CWF-4.	Min. 2-inch Tectum I Plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601, FTR-601 PG or Polysset CRA, 4-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR 601, FTR-601 PG or Polysset CRA, 4-inch o.c.	BB1-190E or BB2-190E	-222.5



**TABLE 15A: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
CWF-5.	Min. 2-inch Tectum I Plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601, FTR-601 PG or Polyset CRA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or Polyset CRA, 4-inch o.c.	BB1-190E or BB2-190E	-222.5
CWF-6.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or Polyset CRA, 4-inch o.c.	None	N/A	BB1-190E or BB2-190E	-303.5
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
CWF-7.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polyset CRA	(Optional) Additional layer(s) of base insulation	Polyset CRA	BB3-ATBA or BB4-ATBA	-75.0
CWF-8.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	(Optional) Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polyset CRA	Optional additional layer(s) of base insulation followed by min. 0.25-inch DensDeck Prime	Polyset CRA	BB3-ATBA or BB4-ATBA	-75.0
CWF-9.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, Polyset CRA or OB500	BB3-ATBA or BB4-ATBA	-82.5
CWF-10.	Min. 2-inch Tectum I Plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601, FTR-601 PG or Polyset CRA, 4-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR 601, FTR-601 PG or Polyset CRA, 4-inch o.c.	BB3-ATBA or BB4-ATBA	-222.5
CWF-11.	Min. 2-inch Tectum I Plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601, FTR-601 PG or Polyset CRA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or Polyset CRA, 4-inch o.c.	BB3-ATBA or BB4-ATBA	-222.5
CWF-12.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or Polyset CRA, 4-inch o.c.	None	N/A	BB3-ATBA or BB4-ATBA	-303.5
FIBERTITE-FB APPLICATIONS:							
CWF-13.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polyset CRA	(Optional) Additional layer(s) of base insulation	Polyset CRA	FB1-290, FB2-390, FB3-490, FB5-CR20 or FB6-601PG	-75.0



**TABLE 15A: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
CWF-14.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	(Optional) Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polyset CRA	Optional additional layer(s) of base insulation followed by min. 0.25-inch DensDeck Prime	Polyset CRA	FB1-290, FB2-390, FB3-490, FB5-CR20 or FB6-601PG	-75.0
CWF-15.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	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	FTR 601, FTR-601 PG, FTR-601 ECO, Polyset CRA or OB500	FB1-290, FB2-390, FB3-490, FB5-CR20 or FB6-601PG	-82.5
CWF-16.	Min. 2-inch Tectum I Plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601, FTR-601 PG or Polyset CRA, 4-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR 601, FTR-601 PG or Polyset CRA, 4-inch o.c.	FB1-290, FB2-390, FB3-490, FB5-CR20 or FB6-601PG	-222.5
CWF-17.	Min. 2-inch Tectum I Plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601, FTR-601 PG or Polyset CRA, 4-inch o.c.	Min. 0.25-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	FTR 601, FTR-601 PG or Polyset CRA, 4-inch o.c.	FB1-290, FB2-390, FB3-490, FB5-CR20 or FB6-601PG	-222.5
CWF-18.	Min. 2-inch Tectum I Plank	Min. 0.25-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	FTR 601, FTR-601 PG or Polyset CRA, 4-inch o.c.	None	N/A	FB1-290, FB2-390, FB3-490, FB5-CR20 or FB6-601PG	-303.5

**TABLE 15B: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED MULTI-PLY ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
CWF-19.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	(Optional) Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polyset CRA	Min. 0.25-inch DensDeck Prime	Polyset CRA	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-75.0



**TABLE 15b: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED MULTI-PLY ROOF COVER**

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
CWF-20.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601, FTR-601 PG, FTR-601 ECO, OB500 or Polyset CRA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, FTR-601 ECO, Polyset CRA or OB500	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-82.5
CWF-21.	Min. 2-inch Tectum I Plank	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601, FTR-601 PG or Polyset CRA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG or Polyset CRA, 4-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-167.5

**TABLE 15c: CEMENTITIOUS WOOD FIBER DECKS - REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER**

System No.	Deck (4.1.2)	Insulation (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.2)	Attachment	
CWF-22.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength	Top layer prelim. attached	FiberTite, XT, SM or Xtreme	OMG Polymer GypTec with Polymer GypTec Plate 2" with barbs or Trufast TL Fastener with Trufast 2" TL Seam Plate (min. 1.5-inch embedment)	Open or Closed: 6 x 45	-30.0 (NO HVHZ)

**TABLE 16A: GYPSUM DECK - REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

System No.	Substrate (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLIED IN FTR-190E:							
G-1.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601	None	N/A	BB1-190E or BB2-190E	-162.5
G-2.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601	BB1-190E or BB2-190E	-200.0
G-3.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	BB1-190E or BB2-190E	-112.5



**TABLE 16A: GYPSUM DECK - REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

System No.	Substrate (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
G-4.	Existing poured gypsum or gypsum plank	Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	(Optional) Additional layer(s) of base insulation	Polysset CRA	BB1-190E or BB2-190E	-357.0
G-5.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	BB1-190E or BB2-190E	-290.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
G-6.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601	None	N/A	BB3-ATBA or BB4-ATBA	-162.5
G-7.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601	BB3-ATBA or BB4-ATBA	-200.0
G-8.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	BB3-ATBA or BB4-ATBA	-112.5
G-9.	Existing poured gypsum or gypsum plank	Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	(Optional) Additional layer(s) of base insulation	Polysset CRA	BB3-ATBA or BB4-ATBA	-357.0
G-10.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	BB3-ATBA or BB4-ATBA	-290.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-290:							
G-11.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601	None	N/A	FB1-290	-162.5
G-12.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601	FB1-290	-200.0
G-13.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	FB1-290	-112.5
G-14.	Existing poured gypsum or gypsum plank	Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	(Optional) Additional layer(s) of base insulation	Polysset CRA	FB1-290	-357.0



**TABLE 16A: GYPSUM DECK - REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

System No.	Substrate (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
G-15.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	FB1-290	-290.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-390 OR FTR-490:							
G-16.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601	None	N/A	FB2-390 or FB3-490	-162.5
G-17.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601	FB2-390 or FB3-490	-200.0
G-18.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	(Optional) Additional layer(s) of base insulation or Min. 0.25-inch DensDeck, DensDeck Prime DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	FB2-390 or FB3-490	-112.5
G-19.	Existing poured gypsum or gypsum plank	Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	(Optional) Additional layer(s) of base insulation	Polysset CRA	FB2-390 or FB3-490	-357.0
G-20.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	FB2-390 or FB3-490	-290.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN HOT ASPHALT:							
G-21.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601	None	N/A	FB4-HA	-162.5
G-22.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601	Min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601	FB4-HA	-200.0
G-23.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	Min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	FB4-HA	-112.5
G-24.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	FB4-HA	-290.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE (SPATTER) OR FTR-601 PG (SPATTER):							
G-25.	Existing poured gypsum or gypsum plank	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601	None	N/A	FB5-CR20, FB6-601PG	-162.5
G-26.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601	FB5-CR20, FB6-601PG	-200.0



**TABLE 16A: GYPSUM DECK - REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

System No.	Substrate (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
G-27.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	FB5-CR20, FB6-601PG	-112.5
G-28.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	FB5-CR20, FB6-601PG	-210.0

**TABLE 16B: GYPSUM DECK - REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED MULTI-PLY ROOF COVER***

System No.	Substrate (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)			MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-390:									
G-29.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601	BP2-FTRSBSA	None	FB2-390	-67.5
G-30.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-202.5
G-31.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	BP2-FTRSBSA	None	FB2-390	-67.5
G-32.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-202.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN HOT ASPHALT:									
G-33.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-67.5
G-34.	Existing poured gypsum or gypsum plank	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
G-35.	Existing poured gypsum or gypsum plank	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, 6-inch o.c.	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
G-36.	Existing poured gypsum or gypsum plank	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-202.5



TABLE 16B: GYPSUM DECK - REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED MULTI-PLY ROOF COVER*									
System No.	Substrate (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)			MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
G-37.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset CRA	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-232.5
G-38.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset CRA	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE, FTR-601 PG OR COLPLY EF ADHESIVE:									
G-39.	Existing poured gypsum or gypsum plank	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
G-40.	Existing poured gypsum or gypsum plank	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
G-41.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-Value, FTR-Value A or FTR-Value H	Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset CRA	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5

TABLE 16C: GYPSUM DECK - REROOF (TEAR-OFF) SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER							
System No.	Deck (4.1.2)	Insulation (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.2)	Attachment	
G-42.	Existing gypsum deck	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength	Top layer prelim. attached	FiberTite, XT, SM or Xtreme	OMG Polymer GypTec with Polymer GypTec Plate 2" with barbs or Trufast TL Fastener with Trufast 2" TL Seam Plate (Field withdrawal \geq 113 lbf)	Open or Closed: 6 x 45	-30.0 (NO HVHZ)

TABLE 17A: RECOVER APPLICATIONS SYSTEM TYPE A-1: BONDED INSULATION, 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 4.2.2). 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, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)* ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLIED IN FTR-190E:							
R-1.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value A or FTR-Value H	hot asphalt	None	N/A	BB1-190E or BB2-190E	-45.0
R-2.	Existing asphaltic BUR	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	hot asphalt	BB1-190E or BB2-190E	-240.0



TABLE 17A: RECOVER APPLICATIONS

SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*

[^] 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 4.2.2). 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, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^{**A}
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-3.	Existing asphaltic BUR	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	BB1-190E or BB2-190E	-247.5
R-4.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	BB1-190E or BB2-190E	-375.0
R-5.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-210.0
R-6.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	N/A	BB1-190E or BB2-190E	-210.0
R-7.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-232.5
R-8.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-247.5
R-9.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-135.0
R-10.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR-601 ECO	(Optional) Additional layer(s) of base insulation	FTR-601 ECO	BB1-190E or BB2-190E	-210.0
R-11.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	None	N/A	BB1-190E or BB2-190E	-210.0
R-12.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime	FTR-601 ECO	BB1-190E or BB2-190E	-232.5
R-13.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	BB1-190E or BB2-190E	-247.5
R-14.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR-601 ECO	BB1-190E or BB2-190E	-135.0
R-15.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	OB500	None	N/A	BB1-190E or BB2-190E	-120.0
R-16.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	OB500	BB1-190E or BB2-190E	-120.0



TABLE 17A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*

[^] 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 4.2.2). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate (4.1.2, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^{*A}
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-17.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	BB1-190E or BB2-190E	-120.0
R-18.	Existing asphaltic BUR	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Polyset CRA	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	Polyset CRA	BB1-190E or BB2-190E	-195.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
R-19.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value A or FTR-Value H	hot asphalt	None	N/A	BB3-ATBA or BB4-ATBA	-45.0
R-20.	Existing asphaltic BUR	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	BB3-ATBA or BB4-ATBA	-240.0
R-21.	Existing asphaltic BUR	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	BB3-ATBA or BB4-ATBA	-247.5
R-22.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt	BB3-ATBA or BB4-ATBA	-375.0
R-23.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-210.0
R-24.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	N/A	BB3-ATBA or BB4-ATBA	-210.0
R-25.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-232.5
R-26.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-247.5
R-27.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-135.0
R-28.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR-601 ECO	(Optional) Additional layer(s) of base insulation	FTR-601 ECO	BB3-ATBA or BB4-ATBA	-210.0
R-29.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	None	N/A	BB3-ATBA or BB4-ATBA	-210.0



TABLE 17A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*

[^] 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 4.2.2). 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, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^{**A}
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-30.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime	FTR-601 ECO	BB3-ATBA or BB4-ATBA	-232.5
R-31.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	BB3-ATBA or BB4-ATBA	-247.5
R-32.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR-601 ECO	BB3-ATBA or BB4-ATBA	-135.0
R-33.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	OB500	None	N/A	BB3-ATBA or BB4-ATBA	-120.0
R-34.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	(Optional) Additional layer(s) of base insulation	OB500	BB3-ATBA or BB4-ATBA	-120.0
R-35.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	BB3-ATBA or BB4-ATBA	-120.0
R-36.	Existing asphaltic BUR	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	(Optional) Additional layer(s) of base insulation or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	BB3-ATBA or BB4-ATBA	-195.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-290:							
R-37.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value A or FTR-Value H	hot asphalt	None	N/A	FB1-290	-45.0
R-38.	Existing asphaltic BUR	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	hot asphalt	FB1-290	-240.0
R-39.	Existing asphaltic BUR	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	FB1-290	-247.5
R-40.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	FB1-290	-375.0
R-41.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	FB1-290	-210.0
R-42.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	N/A	BB3-ATBA or BB4-ATBA	-210.0
R-43.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	FB1-290	-232.5



TABLE 17A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, 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 4.2.2). 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, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^{*A}
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-44.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB1-290	-247.5
R-45.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	FB1-290	-135.0
R-46.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR-601 ECO	(Optional) Additional layer(s) of base insulation	FTR-601 ECO	FB1-290	-210.0
R-47.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	None	N/A	BB3-ATBA or BB4-ATBA	-210.0
R-48.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime	FTR-601 ECO	FB1-290	-232.5
R-49.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	FB1-290	-247.5
R-50.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR-601 ECO	FB1-290	-135.0
R-51.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value A or FTR-Value H	OB500	None	N/A	FB1-290	-82.5
R-52.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	OB500	None	N/A	FB1-290	-120.0
R-53.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	OB500	FB1-290	-120.0
R-54.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	FB1-290	-120.0
R-55.	Existing asphaltic BUR	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Polysat CRA	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	Polysat CRA	FB1-290	-195.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-390 OR FTR-490:							
R-56.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value A or FTR-Value H	hot asphalt	None	N/A	FB2-390 or FB3-490	-45.0



TABLE 17A: RECOVER APPLICATIONS

SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*

[^] 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 4.2.2). 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, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^{**A}
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-57.	Existing asphaltic BUR	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	hot asphalt	FB2-390 or FB3-490	-240.0
R-58.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	FB2-390 or FB3-490	-375.0
R-59.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	FB2-390 or FB3-490	-210.0
R-60.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	N/A	FB2-390 or FB3-490	-210.0
R-61.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB2-390 or FB3-490	-232.5
R-62.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	FB2-390 or FB3-490	-135.0
R-63.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	FTR-601 ECO	(Optional) Additional layer(s) of base insulation	FTR-601 ECO	FB2-390 or FB3-490	-210.0
R-64.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	None	N/A	FB2-390 or FB3-490	-210.0
R-65.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	FB2-390 or FB3-490	-232.5
R-66.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR-601 ECO	FB2-390 or FB3-490	-135.0
R-67.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value A or FTR-Value H	OB500	None	N/A	FB2-390 or FB3-490	-82.5
R-68.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	OB500	None	N/A	FB2-390 or FB3-490	-120.0
R-69.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	OB500	FB2-390 or FB3-490	-120.0
R-70.	Existing asphaltic BUR	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Polyset CRA	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	Polyset CRA	FB2-390 or FB3-490	-195.0



TABLE 17A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*

[^] 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 4.2.2). 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, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^{*A}
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN HOT ASPHALT:							
R-71.	Existing asphaltic BUR or modified bitumen	Min. 0.25-inch DensDeck	hot asphalt	None	N/A	FB4-HA	-45.0
R-72.	Existing asphaltic BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	None	N/A	FB4-HA	-45.0
R-73.	Existing asphaltic BUR	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	Min. 0.25-inch DensDeck	hot asphalt	FB4-HA	-240.0
R-74.	Existing asphaltic BUR	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	FB4-HA	-247.5
R-75.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	FB4-HA	-375.0
R-76.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	N/A	FB4-HA	-210.0
R-77.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	FB4-HA	-232.5
R-78.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB4-HA	-247.5
R-79.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	FB4-HA	-135.0
R-80.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	None	N/A	FB4-HA	-210.0
R-81.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime	FTR-601 ECO	FB4-HA	-232.5



TABLE 17A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*

[^] 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 4.2.2). 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, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf) ^{**A}
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-82.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	FB4-HA	-247.5
R-83.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR-601 ECO	FB4-HA	-135.0
R-84.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	OB500	None	N/A	FB4-HA	-120.0
R-85.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	Min. 0.25-inch DensDeck	OB500	FB4-HA	-120.0
R-86.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	FB4-HA	-120.0
R-87.	Existing asphaltic BUR	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Polysset CRA	Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	FB4-HA	-195.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE (SPATTER) OR FTR-601 PG (SPATTER):							
R-88.	Existing asphaltic BUR or modified bitumen	Min. 0.5-inch FTR-Value A, FTR-Value H or FTR-Value H Glass Facer or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	None	N/A	FB5-CR20 or FB6-601PG	-45.0
R-89.	Existing asphaltic BUR	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	FB5-CR20 or FB6-601PG	-105.0
R-90.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	FB5-CR20	-375.0
R-91.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB5-CR20 or FB6-601PG	-210.0
R-92.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	FB5-CR20	-135.0
R-93.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	FB5-CR20 or FB6-601PG	-210.0
R-94.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III-A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 7/16-inch DEXcell Cement Roof Board	FTR-601 ECO	FB5-CR20	-135.0



TABLE 17A: RECOVER APPLICATIONS

SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*

[^] 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 4.2.2). 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, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)* ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-95.	Existing asphaltic BUR or modified bitumen	Min. 0.5-inch FTR-Value A, FTR-Value H or FTR-Value H Glass Facer	OB500	None	N/A	FB5-CR20 or FB6-601PG	-45.0
R-96.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	FB5-CR20 or FB6-601PG	-105.0
R-97.	Existing asphaltic BUR	Min. 1.5-inch FTR-Value, FTR-Value A or FTR-Value H	Polyset CRA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Polyset CRA	FB5-CR20 or FB6-601PG	-105.0

TABLE 17B: RECOVER APPLICATIONS

SYSTEM TYPE A-1: BONDED INSULATION, BONDED MULTI-PLY ROOF COVER*

[^] 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 4.2.2). 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, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)			MDP (psf)* ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-390:									
R-98.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	N/A	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-210.0
R-99.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-232.5
R-100.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP2-FTRSBSA	None	FB2-390	-67.5
R-101.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	None	N/A	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-210.0
R-102.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-232.5
R-103.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	BP2-FTRSBSA	None	FB2-390	-67.5
R-104.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	OB500	None	N/A	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-120.0



TABLE 17B: RECOVER APPLICATIONS

SYSTEM TYPE A-1: BONDED INSULATION, BONDED MULTI-PLY 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 4.2.2). 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, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)			MDP (psf) ^{*A}
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
R-105.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-120.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN HOT ASPHALT:									
R-106.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	N/A	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-210.0
R-107.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-232.5
R-108.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-105.0
R-109.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
R-110.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
R-111.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	None	N/A	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-210.0
R-112.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-232.5
R-113.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR-601 ECO	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-105.0
R-114.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
R-115.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR-601 ECO, 6-inch o.c.	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
R-116.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	OB500	None	N/A	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-82.5



TABLE 17b: RECOVER APPLICATIONS

SYSTEM TYPE A-1: BONDED INSULATION, BONDED MULTI-PLY ROOF COVER*

[^] 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 4.2.2). 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, 4.2.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)			MDP (psf)* ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
R-117.	Existing asphaltic BUR	Min. 0.5-inch FTR-Value, FTR-Value A or FTR-Value H	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-120.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE, FTR-601 PG OR COLPLY EF ADHESIVE:									
R-118.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
R-119.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-105.0
R-120.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
R-121.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR-601 ECO	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
R-122.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR-601 ECO	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-105.0
R-123.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-Value, FTR-Value A, FTR-Value-III A, FTR-Value H or FTR-Value H Glass Facer	FTR-601 ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR-601 ECO, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5

TABLE 17c: 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 (3.1.1, 4.2.2)	Spacing		
R-124.	Existing standing seam or lap seam metal roof covers having min. 16 ga. , min. 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	Fastener Options: FTR Retro-Driller Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	12-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-52.5
R-125.	Existing standing seam or lap seam metal roof covers having min. 16 ga. , min. 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	Fastener Options: FTR Retro-Driller Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	12-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-52.5



TABLE 17c: 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 (3.1.1, 4.2.2)	Spacing		
R-126.	Existing standing seam or lap seam metal roof covers having min. 12 ga. , min. 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	Fastener Options: SFS Dekfast DF-#12-PC-SQ3 or Trufast #12 Purlin Fastener Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	12-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-52.5
R-127.	Existing standing seam or lap seam metal roof covers having min. 12 ga. , min. 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	Fastener Options: SFS Dekfast DF-#12-PC-SQ3 or Trufast #12 Purlin Fastener Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	12-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-52.5
R-128.	Existing standing seam or lap seam metal roof covers having min. 16 ga. , min. 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	Fastener Options: FTR Retro-Driller Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	6-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
R-129.	Existing standing seam or lap seam metal roof covers having min. 16 ga. , min. 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	Fastener Options: FTR Retro-Driller Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	6-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
R-130.	Existing standing seam or lap seam metal roof covers having min. 12 ga. , min. 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	Fastener Options: SFS Dekfast DF-#12-PC-SQ3 or Trufast #12 Purlin Fastener Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	6-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
R-131.	Existing standing seam or lap seam metal roof covers having min. 12 ga. , min. 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	Fastener Options: SFS Dekfast DF-#12-PC-SQ3 or Trufast #12 Purlin Fastener Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	6-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5

TABLE 17d: 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, 4.2.2)	Attachment	
OPEN STYLE:							
R-132.	Existing standing seam or lap seam metal roof covers having min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced max. 95-inch o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-PurlinT Fastener with FTR Magnum-R275	18-inch o.c. within min. 5-inch wide laps spaced max. 95-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-30.0 (NO HVHZ)



TABLE 17D: 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, 4.2.2)	Attachment	
R-133.	Existing standing seam or lap seam metal roof covers having min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced max. 95-inch o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-PurlinT Fastener with FTR Magnum-R275	12-inch o.c. within min. 5-inch wide laps spaced max. 95-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-45.0
R-134.	Existing standing seam or lap seam metal roof covers having min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced max. 95-inch o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-PurlinT Fastener with FTR Magnum-R275	6-inch o.c. within min. 5-inch wide laps spaced max. 95-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-67.5
CLOSED STYLE:							
R-135.	Existing standing seam or lap seam metal roof covers having min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced max. 120-inch o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-PurlinT Fastener with FTR Magnum-R275	12-inch o.c. through the field of the membrane in rows spaced max. 120-inch o.c. to engage steel purlin. Fastener rows covered with a 6-inch wide strip of FiberTite membrane with 1½-inch field welds on all sides.	-45.0

TABLE 17E: RECOVER APPLICATIONS

SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER*

^A The reported MDP documents the allowable maximum design pressure of the new roof cover when installed atop the substrate, irrespective of the deck type (See Section 4.1.2) or performance of the substrate (See Section 4.2.2). 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, 4.2.2)	Roof Cover (3.1.4)	MDP (psf)* ^A
R-136.	Existing fully adhered granule-surface built-up roof (BUR), or existing fully adhered granule-surface APP or SBS modified bitumen	FB2-390 (2 gal./square)	-85.0
R-137.	Existing fully adhered smooth-surface built-up roof (BUR) or existing fully adhered smooth-surface SBS modified bitumen	FB2-390 (2 gal./square)	-410.0
R-138.	Existing fully adhered smooth-surface or granule-surface built-up roof (BUR), existing fully adhered smooth-surface or granule-surface SBS modified bitumen or existing fully adhered granule-surface APP modified bitumen	FB4-HA or FB5-CR20	-410.0
R-139.	Existing fully adhered smooth-surface SBS modified bitumen	FB6-601PG	-410.0