



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
Revision 3: 2025-04-07
Page 1 of 185

SOPREMA, Inc.
FL3915-R39

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)



SOPREMA

SOPREMA, Inc.
310 Quadral Drive
Wadsworth, OH 44281
(800) 356-3521

SUBJECT: SOPREMA® Modified Bitumen Roof Systems

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

CODE: 2018 International Building Code TDI [Third-Party Evaluation Report](#) Acceptance
2018 International Building Code, Residential
2021 International Building Code
2021 International Building Code, Residential
2023 Florida Building Code, 8th Edition
2023 Florida Building Code, Residential, 8th Edition
2022 California Building Code
2023 City of Los Angeles Building Code [Section 98.0501](#), Product Approval, Alternate Materials,
2023 County of Los Angeles Building Code Systems, Devices and Methods of Construction

FBC JURISDICTION: Non-HVHZ and HVHZ

NEMO CATEGORY: Modified Bitumen

FBC CATEGORY: Roofing

FBC SUB-CATEGORY: Modified Bitumen Roof Systems

CSI DIVISION: 07 00 00 Thermal and Moisture Protection
07 52 00 Modified Bituminous Sheet Roofing

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

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

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

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

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

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

CERTIFICATION OF INDEPENDENCE:

- ✓ NEMO CERT, LLC has not, nor does it intend to acquire or will they 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 CERT, LLC
www.nemocert.com

©NEMO. All rights reserved.

[LINK TO TOP OF ATTACHMENT REQUIREMENTS](#)



ISO/IEC 17065



ACCREDITED
Product Certification
Agency

PCA-145



ISO/IEC 17020



ACCREDITED
Inspection Agency

AA-779



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
 Revision 3: 2025-04-07

SOPREMA, Inc.
 FL3915-R39



1. CODES, PROPERTIES AND STANDARDS:

CODE	SECTION	PROPERTY	STANDARD
2018 International Building Code	1504.3.1	Wind resistance	FM 4474 or UL1897
	1504.6	Physical properties	ASTM G155
	1504.7	Impact resistance	FM 4470
	1505.1	Fire classification	UL 790
	1507.10.2, 1507.11.2.1	Material standard	ASTM D2178, D4601, D4897
	1507.11.2	Material standard	ASTM D6162, D6163, D6164, D6298
2018 International Building Code, Residential	R902.1	Fire classification	UL 790
	R905.9.2, R905.11.2.1	Material standard	ASTM D2178, D4601, D4897
	R905.11.2	Material standard	ASTM D6162, D6163, D6164, D6298
2021 International Building Code	1504.4.1	Wind resistance	FM 4474 or UL1897
	1504.7	Physical properties	ASTM G155
	1504.8	Impact resistance	FM 4470
	1505.1	Fire classification	UL 790
	1507.10.2, 1507.11.2.1	Material standard	ASTM D2178, D4601, D4897
	1507.11.2	Material standard	ASTM D6162, D6163, D6164, D6298
2021 International Building Code, Residential	R902.1	Fire classification	UL 790
	R905.9.2, R905.11.2.1	Material standard	ASTM D2178, D4601, D4897
	R905.11.2	Material standard	ASTM D6162, D6163, D6164, D6298
2023 Florida Building Code, 8 th Edition	1504.3.1	Wind resistance	FM 4474 or UL1897
	1504.6	Physical properties	ASTM G155
	1504.7	Impact resistance	FM 4470
	1505.1, 1516.1	Fire classification	UL 790
	1507.10.2, TAS 110	Material standard	ASTM D2178, D4601, D4897
	1507.11.2, TAS 110	Material standard	ASTM D6162, D6163, D6164, D6298
	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 to Hail Damage	TAS 114, Appendix F
	TAS 110	Susceptibility to Leakage	TAS 114, Appendix G
	2023 Florida Building Code, Residential, 8 th Edition	R902.1	Fire classification
R905.9.2		Material standard	ASTM D2178, D4601, D4897
R905.11.2		Material standard	ASTM D6162, D6163, D6164, D6298
2022 California Building Code	Div. 5, Section 98.0501	Evaluation Reports	
2023 City of Los Angeles Building Code	1504.4.1	Wind resistance	FM 4474 or UL1897
2023 County of Los Angeles Building Code	1504.7	Physical properties	ASTM G155
	1504.8	Impact resistance	FM 4470
	1505.1	Fire Classification	UL 790
	1507.10.2	Material standard	ASTM D2178, D4897
	1507.10.2, 1507.11.2.1	Material standard	ASTM D4601
	1507.11.2	Material standard	ASTM D6162, D6163, D6164, D6298



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
 Revision 3: 2025-04-07

SOPREMA, Inc.
 FL3915-R39



2. PRODUCTS:

TABLE 1A: EVALUATED SOPREMA COMPONENTS (NEMO Certified. Consult Directory of Certified Products for production location(s))				
TYPE	PRODUCT	MATERIAL STANDARD		
	NAME	REFERENCE	TYPE	GRADE
BASE SHEETS	MODIFIED SOPRA G	ASTM D4601	II	N/A
	SOPRABASE TG	ASTM D4601	II	N/A
	ULTRA-STICK NAILBASE	ASTM D4601	II	N/A
	SOPRA 4897	ASTM D4897	N/A	N/A
PLY SHEETS	SOPRA IV	ASTM D2178	IV	N/A
	SOPRA VI	ASTM D2178	VI	N/A
MECHANICALLY ATTACHED, SMOOTH SBS MEMBRANES	SOPRAFX Base 611	ASTM D6164	I	S
	SOPRAFX Base 612	ASTM D6164	I	S
	SOPRAFX Base 613	ASTM D6164	I	S
	SOPRAFX Base 622	ASTM D6164	I	S
	SOPRAFX Base 614	ASTM D6164	II	S
BASE PLY MEMBRANES	ELASTOPHENE Flam HS	ASTM D6162	III	S
	ELASTOPHENE HS Sanded	ASTM D6162	III	S
	ELASTOPHENE Flam 2.2	ASTM D6163	I	S
	ELASTOPHENE Flam 3.0	ASTM D6163	I	S
	ELASTOPHENE PS 2.2	ASTM D6163	I	S
	ELASTOPHENE PS 3.0	ASTM D6163	I	S
	ELASTOPHENE Sanded 2.2	ASTM D6163	I	S
	ELASTOPHENE Sanded 3.0	ASTM D6163	I	S
	ELASTOPHENE SP 2.2	ASTM D6163	I	S
	ELASTOPHENE SP 3.0	ASTM D6163	I	S
	ELASTOPHENE Stick	ASTM D6163	I	S
	ELASTOPHENE ULTRA-STICK	ASTM D6163	I	S
	COLVENT 180 TG	ASTM D6164	I	S
	COLVENT Flam 180 TG	ASTM D6164	I	S
	SELECT SBS GLASS FLAM	ASTM D6163	I	S
	SELECT SBS POLY FLAM	ASTM D6164	I	S
	SELECT SBS POLY SANDED	ASTM D6164	I	S
	SOPRALENE 180 PS 2.2	ASTM D6164	I	S
	SOPRALENE 180 PS 3.0	ASTM D6164	I	S
	SOPRALENE 180 Sanded	ASTM D6164	I	S
	SOPRALENE 180 Sanded 2.2	ASTM D6164	I	S
	SOPRALENE 180 SP 3.0	ASTM D6164	I	S
	SOPRALENE 180 SP 3.5	ASTM D6164	I	S
	SOPRALENE Flam 180	ASTM D6164	I	S
	SOPRALENE Flam Stick	ASTM D6164	I	S
	SOPRALENE Stick	ASTM D6164	I	S
	SOPRALENE 250 Sanded	ASTM D6164	II	S
	SOPRALENE 250 SP	ASTM D6164	II	S
	SOPRALENE Flam 250	ASTM D6164	II	S



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
 Revision 3: 2025-04-07

SOPREMA, Inc.
 FL3915-R39



TABLE 1A: EVALUATED SOPREMA COMPONENTS (NEMO Certified. Consult Directory of Certified Products for production location(s))				
TYPE	PRODUCT		MATERIAL STANDARD	
	NAME	REFERENCE	TYPE	GRADE
CAP PLY MEMBRANES	ELASTOPHENE Flam HS FR GR	ASTM D6162	III	G
	ELASTOPHENE HS FR GR	ASTM D6162	III	G
	ELASTOPHENE Flam FR GR	ASTM D6163	I	G
	ELASTOPHENE Flam FR+ GR	ASTM D6163	I	G
	ELASTOPHENE Flam LS FR GR	ASTM D6163	I	G
	ELASTOPHENE FR GR	ASTM D6163	I	G
	ELASTOPHENE FR+ GR	ASTM D6163	I	G
	ELASTOPHENE LS FR GR	ASTM D6163	I	G
	ELASTOPHENE Stick HR FR GR	ASTM D6163	II	G
	ELASTOPHENE ULTRA-STICK FR GR	ASTM D6163	I	G
	SELECT SBS POLY FLAM GR	ASTM D6164	I	G
	SOPRALENE 180 FR GR	ASTM D6164	I	G
	SOPRALENE Flam 180 FR GR	ASTM D6164	I	G
	SOPRALENE Flam 180 GR	ASTM D6164	I	G
	SOPRALENE ULTRA-STICK FR GR	ASTM D6164	I	G
	SOPRALAST 50 TV Alu	ASTM D6298	N/A	N/A
SOPRALAST 50 TV Alu Sanded	ASTM D6298	N/A	N/A	
SURFACING:	ALSAN RS 230, ALSAN Trafik RS 730 or ALSAN RS 260		M-D PFR 13-1362	
VAPOR BARRIERS:	SOPRAVAP'R		N/A	

TABLE 1B: EVALUATED SOPREMA ACCESSORIES (Contact contact@nemocert.com for production location(s) of non-Certified products)				
TYPE	PRODUCT		MATERIAL STANDARD	
	NAME	REFERENCE	TYPE	GRADE
BASE SHEETS	SOPRABASE S	ASTM D4601	II	N/A
BASE PLY OR PLY MEMBRANES:	SOPRALENE ULTRA-STICK	ASTM D6164	I	S
CAP PLY MEMBRANES:	SOPRALENE 250 FR GR	ASTM D6164	II	G
	SOPRALENE Flam 250 FR GR	ASTM D6164	II	G
ADHESIVES:	COLPLY Adhesive	ASTM D3019, Type III		
	COLPLY EF Adhesive	N/A		
	DUOTACK	N/A		
	DUOTACK 365	N/A		
	DUOTACK SPF	N/A		
	SOPRASPHALTE M	ASTM D6152		
INSULATION:	SOPRABOARD	N/A		
	SOPRASMART Board 180	N/A		
	SOPRASMART Board 180 Sanded	N/A		
	SOPRASMART ISO HD 180	N/A		
	SOPRASMART ISO HD 180 Sanded	N/A		
	SOPRASMART XP HD 180	N/A		
	SOPRASMART XP HD 180 Sanded	N/A		
	SOPRASMART XP ISO 180	N/A		
	SOPRASMART XP ISO 180 Sanded	N/A		
SOPRA XPS	ASTM C578			



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
 Revision 3: 2025-04-07

SOPREMA, Inc.
 FL3915-R39



TABLE 1B: EVALUATED SOPREMA ACCESSORIES (Contact contact@nemocert.com for production location(s) of non-Certified products)				
TYPE	PRODUCT		MATERIAL STANDARD	
	NAME	REFERENCE	TYPE	GRADE
PRIMERS:	ELASTOCOL 500		ASTM D41	
	ELASTOCOL Stick		N/A	
	ELASTOCOL Stick Zero		N/A	
	ELASTOCOL Stick LVOC		N/A	
SURFACING:	ALSAN COATING AC 401		ASTM D6083	
	ALSAN COATING SIL 402		ASTM D6694	

TABLE 2: COMPONENTS BY OTHERS (4.1.3) (Refer to current NOA if listed version was superseded to ensure use of latest version)				
TYPE	SOPREMA	ACCEPTABLE ALTERNATE	FBC	NOA
ADHESIVES:	DUOTACK SPF HFO	Polysat Commercial Roof Adhesive	FL1365	23-0614.01
	N/A	Trufast Roofing Adhesive ¹	FL41878	24-0521.02
INSULATIONS:	SOPRA-ISO s	ACFoam II	FL17989	24-1120.02
	SOPRA-ISO+ s	ACFoam III		
	SOPRA-ISO r	H-Shield	FL5968	24-1021.04
	SOPRA-ISO+ r	H-Shield CG		
	N/A	ENRGY 3	FL4205	24-0610.04
	N/A	Multi-Max FA3	FL11207	22-0815.03
	N/A	Ultra-Max		
	N/A	Insulfoam II, VIII and IX	FL29563	24-1015.10
	N/A	DensDeck	FL1250	22-1223.04
	N/A	DensDeck Prime		
	N/A	DEXcell FA Glass Mat Roof Board	FL17840	23-0329.09
	N/A	DEXcell Cement Roof Board		
	N/A	SECUROCK Gypsum-Fiber Roof Board	FL4264	21-0923.05
	N/A	SECUROCK Cement Roof Board		
	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	FL4994	23-0817.05	
N/A	Mearlcrete	FL13492	24-0514.06	
N/A	NVS	N/A	23-1219.03	
MECHANICAL FASTENERS:	SOPREMA #12 Fastener	Dekfast DF-#12-PH3	FL20311	22-0913.02
	SOPREMA #14 Fastener	Dekfast DF-#14-PH3		
	SOPREMA #15-EL Fastener	Dekfast DF-#15-PH3		
	SOPRIFIX 2 in. SB Stress Plate	Dekfast PTL-R-2-4B		
	SOPRIFIX 2 3/8 in. SB Stress Plate	Dekfast PLT-R-2-3/8-6B		
	SOPREMA 3 in. Insulation Plate	Dekfast PLT-R-3		
	N/A	Dekfast PLT-H-2-7/8		
	Tri-Fixx Fastener and Stress Plate	N/A		

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



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
 Revision 3: 2025-04-07

SOPREMA, Inc.
 FL3915-R39



TABLE 2: COMPONENTS BY OTHERS (4.1.3)					
<i>(Refer to current NOA if listed version was superseded to ensure use of latest version)</i>					
TYPE	SOPREMA	ACCEPTABLE ALTERNATE	FBC	NOA	
MECHANICAL FASTENERS (CONTINUED):	SOPREMA #12 DP Fastener	Trufast #12 DP	FL4500	24-0227.06	
	SOPREMA #14 MP Fastener	Trufast #14 HD			
	SOPREMA #15 HD Fastener	Trufast #15 EHD			
	N/A	Trufast ¼" Concrete Spike			
	SOPREMA Versa-Fast Fastener	Trufast VERSA-FAST Metal Plate			
	SOPREMA 2" Seam Plate	Trufast 2" Barbed Metal Seam Plate			
	SOPREMA 2.4" Seam Plate	Trufast 2.4" Scoop Seam Plate			
	SOPREMA 3" Metal Insulation Plate	Trufast 3" Metal Insulation Plate			
	SOPREMA Versa-Fast Plate	Trufast VERSA-FAST Metal Plate			
	SOPRAPHIX MBB or MBB-R	Trufast Flat or Recessed Batten Bar			
	SOPREMA 1.2 in. Base Sheet Fastener	Trufast FM-75 Base Sheet Fastener			
	SOPREMA 1.7 in. Base Sheet Fastener	Trufast FM-90 Base Sheet Fastener			
	SOPREMA Twin-Loc Nail	Trufast Twin Loc-Nail Assembled Fastener			
	N/A	OMG #12 Standard Roofgrip	FL699	24-0627.03	
	N/A	OMG #14 Heavy Duty			
	N/A	OMG #15 Roofgrip Large Head			
	N/A	OMG CD-10			
	N/A	OMG Polymer GypTec Fastener			
	N/A	OMG 3" Galvalume Steel Plate			
	N/A	OMG AccuTrac Plate			
	N/A	OMG AccuTrac Flat Bottom			
	N/A	OMG Polymer GypTec Plate			
	N/A	OMG Polymer Batten Strip			
	N/A	OMG CR Assembled Base Sheet Fastener	FL41667	23-0525.02	
	N/A	ACE #12 Fastener			
	N/A	ACE #15 Fastener			
	N/A	ACE 3" BE Insulation Plate			
	N/A	ACE 3" WW Insulation Plate	N/A	N/A	
	PRIMERS:	N/A	TruGround Conductive Primer	N/A	N/A



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
 Revision 3: 2025-04-07

SOPREMA, Inc.
 FL3915-R39



3. INSTALLATION:

3.1 **SOPREMA Modified Bitumen Roof Systems** shall be installed in accordance with **SOPREMA, Inc.** 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. Recessed plates are not for use with hardboard (e.g., gypsum-based or cement) insulations. Fasteners shall be of sufficient length for the following engagements.

TABLE 3: FASTENER REFERENCES			
Roof Deck	PARTS		FASTENER ENGAGEMENT
	FASTENERS	PLATES	
WOOD, ENGINEERED SHEATHING OR PLANK	SOPREMA #14 Fastener, SOPREMA #14 MP Fastener, Dekfast DF-#14-PH3 or Trufast #14 HD	SOPREMA 3 in. Insulation Plate, SOPREMA 3" Metal Insulation Plate, Dekfast PLT-R-3 or Trufast 3" Metal Insulation Plate	Min. 0.75-inch penetration (engineered sheathing) or min. 1-inch embedment (plank)
	ACE #14 Fastener or ACE #15 Fastener	ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	
	<i>Note: Ace parts are limited to use with polyisocyanurate insulation, SOPRABOARD, DEXcell Cement Roof Board, SECUROCK Cement Roof Board, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board</i>		
	OMG #14 Heavy Duty	OMG 3 in. Galvalume Steel Plate or AccuTrac Flat Bottom	
STEEL	SOPREMA #12 Fastener, SOPREMA #14 Fastener, SOPREMA #15-EL Fastener, SOPREMA #12 DP Fastener, SOPREMA #14 MP Fastener, SOPREMA #15 HD Fastener, Dekfast DF-#12-PH3, Dekfast DF-#14-PH3, Dekfast DF-#15-PH3, Trufast #12 DP, Trufast #14 HD or Trufast #15 EHD	SOPREMA 3 in. Insulation Plate, SOPREMA 3" Metal Insulation Plate, Dekfast PLT-R-3 or Trufast 3" Metal Insulation Plate	Min. 0.75-inch penetration
	ACE #12 Fastener, Ace #14 Fastener or ACE #15 Fastener	ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	
	<i>Note: Ace parts are limited to use with polyisocyanurate insulation, SOPRABOARD, DEXcell Cement Roof Board, SECUROCK Cement Roof Board, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board</i>		
	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty	OMG 3 in. Galvalume Steel Plate, AccuTrac Plate or AccuTrac Flat Bottom	
STRUCTURAL CONCRETE	SOPREMA #14 Fastener, SOPREMA #14 MP Fastener, Dekfast DF-#14-PH3, Trufast #14 HD or Trufast ¼" Concrete Spike	SOPREMA 3 in. Insulation Plate, SOPREMA 3" Metal Insulation Plate, Dekfast PLT-R-3 or Trufast 3" Metal Insulation Plate	Non-HVHZ: Min. 1-inch embedment HVHZ: Min. 1.25-inch embedment
	ACE #14 Fastener or ACE #15 Fastener	ACE 3" BE Insulation Plate or ACE 3" WW Insulation Plate	
	<i>Note: Ace parts are limited to use with polyisocyanurate insulation, SOPRABOARD, DEXcell Cement Roof Board, SECUROCK Cement Roof Board, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board</i>		
	OMG #14 Heavy Duty or	OMG 3 in. Galvalume Steel Plate, AccuTrac Plate or AccuTrac Flat Bottom	
	OMG CD-10	OMG 3 in. Galvalume Steel Plate	



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
Revision 3: 2025-04-07

SOPREMA, Inc.
FL3915-R39



3.1.2 Insulation:

- (a) Unless otherwise noted, insulation may be any one layer or combination of Approved board(s) that meet IBC 1505, IBC R902, FBC 1505, FBC R902 or FBC HVHZ 1516 and, for foam plastic, IBC/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 1505, IBC R902, FBC 1505, FBC R902 or FBC HVHZ 1516 and, for foam plastic, 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.
- (d) Lightweight insulating concrete (LWIC) shall be cast in accordance with FBC 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 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.



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
Revision 3: 2025-04-07

SOPREMA, Inc.

FL3915-R39



ISO/IEC 17065

ACCREDITED
Product Certification
Agency
PCA-145

TABLE 4A: INSULATION ATTACHMENT PATTERNS – 4X4 FT BOARDS

1 per 4.0 ft ² (4 per board)	1 per 3.2 ft ² (5 per board)	1 per 2.7 ft ² (6 per board)
1 per 2.0 ft ² (8 per board)	1 per 1.8 ft ² (9 per board)	1 per 1.6 ft ² (10 per board)
1 per 1.45 ft ² (11 per board)	1 per 1.3 ft ² (12 per board)	1 per 1.0 ft ² (16 per board)



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
Revision 3: 2025-04-07

SOPREMA, Inc.
FL3915-R39



TABLE 4B: INSULATION ATTACHMENT PATTERNS – 4x8 FT BOARDS

1 per 4.0 ft ² (8 per board)	1 per 3.2 ft ² (10 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)	1 per 1.8 ft ² (18 per board) .5 ft	1 per 1.6 ft ² (20 per board)	1 per 1.45 ft ² (22 per board)
1 per 1.3 ft ² (24 per board)	1 per 1.0 ft ² (32 per board)		



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
Revision 3: 2025-04-07

SOPREMA, Inc.
FL3915-R39



(f) Preliminary insulation attachment for Type D-1 or D-2 systems:

- IBC or FBC Non-HVHZ: Unless otherwise noted, use Approved 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.

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. Concrete deck shall be primed with ASTM D41 primer prior to asphalt-application.

TABLE 5A: INSULATION ADHESIVE REFERENCES		
ADHESIVE	MINIMUM RATE	NOTE
DUOTACK	Continuous 0.5 to 0.75-inch wide ribbons, 12-inch o.c.	DUOTACK 365 may be used anywhere DUOTACK is referenced. When adhered using DUOTACK 365, min. 0.5-inch thick polyisocyanurate insulation may be substituted as the minimum thickness.
DUOTACK 365	Continuous 0.5 to 0.75-inch wide ribbons, 12-inch o.c.	
DUOTACK SPF	Continuous 2.5 wide ribbons, 12-inch o.c.	DUOTACK SPF may be used for insulation securement anywhere DUOTACK is referenced, except directly to existing gypsum decks, in recover applications over existing smooth-surfaced asphaltic built-up roof (BUR) or when used to adhere expanded polystyrene
DUOTACK SPF HFO	Continuous 2.5-3.5 wide ribbons, 12-inch o.c.	
Trufast RA	Continuous 0.75 to 1-inch wide ribbons, 12-inch o.c.	
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 5B: MDP LIMITATIONS FOR TAPERED POLYISOCYANURATE INSULATIONS			
ADHESIVE	INSULATION	MIN. TAPERED THICKNESS (IN)	MDP (PSF)
DUOTACK or DUOTACK SPF, 12-inch o.c.	Any polyisocyanurate listed with adhesive herein	0.5	-157.5
DUOTACK 365, 12-inch o.c.	Any polyisocyanurate listed with adhesive herein	0.5	-459.5
DUOTACK 365, 4-inch o.c.	Any polyisocyanurate listed with adhesive herein	0.5	-485.0
DUOTACK SPF HFO, 12-inch o.c.	Any polyisocyanurate listed with adhesive herein	0.5	-485.0
DUOTACK SPF HFO, 4-inch o.c.	Any polyisocyanurate listed with adhesive herein	0.5	-745.0

(c) Adhered Insulation, Board Size:

- IBC and 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.



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
 Revision 3: 2025-04-07

SOPREMA, Inc.
 FL3915-R39



3.1.4 Roof Covers:

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

TABLE 6: MEMBRANE / ADHESIVE COMBINATIONS			
REFERENCE	LAYER	MATERIAL	APPLICATION
SBS-CA2	Base Ply:	SOPRALENE 180 Sanded 2.2, SOPRALENE 180 Sanded, SOPRALENE 180 PS 2.2 ✧, SOPRALENE 180 PS 3.0 ✧, SOPRALENE 250 Sanded, SELECT SBS POLY SANDED	COLPLY EF Adhesive, 0.5 to 1-inch wide ribbons spaced as noted
	Cap Ply:	SOPRALENE 180 FR GR, SOPRALENE 250 FR GR	
SBS-CA3	Base Ply or Ply:	ELASTOPHENE HS Sanded, ELASTOPHENE Sanded 2.2, ELASTOPHENE Sanded 3.0, ELASTOPHENE PS 2.2 ✧, ELASTOPHENE PS 3.0 ✧, SOPRALENE 180 Sanded 2.2, SOPRALENE 180 Sanded, SOPRALENE 180 PS 2.2 ✧, SOPRALENE 180 PS 3.0 ✧, SOPRALENE 250 Sanded, SELECT SBS POLY SANDED	COLPLY EF Adhesive at 1.5 – 2.5 gal/square
	Cap Ply:	ELASTOPHENE HS FR GR, ELASTOPHENE LS FR GR, ELASTOPHENE FR GR, ELASTOPHENE FR+ GR, SOPRALENE 180 FR GR, SOPRALENE 250 FR GR	
SBS-CA4	Base Ply or Ply:	ELASTOPHENE HS Sanded, ELASTOPHENE Sanded 2.2, ELASTOPHENE Sanded 3.0, ELASTOPHENE PS 2.2 ✧, ELASTOPHENE PS 3.0 ✧, SOPRALENE 180 Sanded 2.2, SOPRALENE 180 Sanded, SOPRALENE 180 PS 2.2 ✧, SOPRALENE 180 PS 3.0 ✧, SOPRALENE 250 Sanded, SELECT SBS POLY SANDED	COLPLY Adhesive at 1.5 - 2 gal/square
	Cap Ply:	ELASTOPHENE HS FR GR, ELASTOPHENE LS FR GR, ELASTOPHENE FR GR, ELASTOPHENE FR+ GR, SOPRALENE 180 FR GR, SOPRALENE 250 FR GR	
BP-AA	Base Ply or Ply:	One or more MODIFIED SOPRA G, SOPRABASE S, SOPRA IV, SOPRA VI	
SBS-AA	Base Ply or Ply:	ELASTOPHENE HS Sanded, ELASTOPHENE Sanded 2.2, ELASTOPHENE Sanded 3.0, ELASTOPHENE PS 2.2 ✧, ELASTOPHENE PS 3.0 ✧, SOPRALENE 180 Sanded 2.2, SOPRALENE 180 Sanded, SOPRALENE 180 PS 2.2 ✧, SOPRALENE 180 PS 3.0 ✧, SOPRALENE 250 Sanded, SELECT SBS POLY SANDED	Hot asphalt at 20-40 lbs/square
	Cap Ply:	ELASTOPHENE HS FR GR, ELASTOPHENE LS FR GR, ELASTOPHENE FR GR, ELASTOPHENE FR+ GR, SOPRALENE 180 FR GR, SOPRALENE 250 FR GR	
SBS-AA2	Base Ply or Ply:	ELASTOPHENE HS Sanded, ELASTOPHENE Sanded 2.2, ELASTOPHENE Sanded 3.0, ELASTOPHENE PS 2.2 ✧, ELASTOPHENE PS 3.0 ✧, SOPRALENE 180 Sanded 2.2, SOPRALENE 180 Sanded, SOPRALENE 180 PS 2.2 ✧, SOPRALENE 180 PS 3.0 ✧, SOPRALENE 250 Sanded, SELECT SBS POLY SANDED	SOPRASPHALTE M at 25 lbs/square
	Cap Ply:	ELASTOPHENE HS FR GR, ELASTOPHENE LS FR GR, ELASTOPHENE FR GR, ELASTOPHENE FR+ GR, SOPRALENE 180 FR GR, SOPRALENE 250 FR GR	
SBS-TAP	Base Ply:	COLVENT 180 TG, COLVENT Flam 180 TG ✧	Torch-Applied, Partial Bond
SBS-TAF	Base Ply or Ply:	ELASTOPHENE Flam HS ✧, ELASTOPHENE Flam 2.2 ✧, ELASTOPHENE Flam 3.0 ✧, ELASTOPHENE SP 2.2, ELASTOPHENE SP 3.0, SOPRALENE Flam 180 ✧, SOPRALENE 180 SP 3.0, SOPRALENE 180 SP 3.5, SOPRALENE Flam 250 ✧, SOPRALENE 250 SP 4.0, SELECT SBS POLY FLAM, SELECT SBS GLASS FLAM ✧	Torch-Applied, Full Bond
	Cap Ply:	ELASTOPHENE Flam HS FR GR, ELASTOPHENE Flam LS FR GR, ELASTOPHENE Flam FR GR, ELASTOPHENE Flam FR+ GR, SOPRALENE Flam 180 GR, SOPRALENE Flam 180 FR GR, SOPRALENE Flam 250 FR GR, SOPRALAST 50 TV Alu, SELECT SBS POLY FLAM GR	
SBS-SA1	Base Ply or Ply:	ELASTOPHENE Stick, SOPRALENE Stick, SOPRALENE Flam Stick ✧	Self-Adhering, Full Bond
	Cap Ply:	ELASTOPHENE Stick HR FR GR	
SBS-SA2	Base Ply:	ELASTOPHENE ULTRA-STICK, SOPRALENE ULTRA-STICK	Self-Adhering, Full Bond
	Cap Ply:	ELASTOPHENE ULTRA-STICK FR GR, SOPRALENE ULTRA-STICK FR GR	
Notes:	Base Ply and Ply membranes marked with an asterisk (✧) have a poly-film top surface, and require installation of a torch-applied membrane overtop.		
	Sand-surfaced membranes shall be primed with ELASTOCOL 500, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC prior to application of subsequent SBS-SA1 membranes.		
	Sand-surfaced membranes may be optionally primed with ELASTOCOL 500 prior to application of subsequent SBS-CA3, SBS-CA4 or SBS-TAF membranes.		
	SOPRABOARD may be optionally primed with Detec Systems “TruGround Conductive Primer” prior to application of SBS-CA3 or SBS-TAF membranes.		
	“SG” granules are an acceptable alternate granule color for all granule-surfaced SOPREMA cap membranes.		



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
Revision 3: 2025-04-07

SOPREMA, Inc.
FL3915-R39



(b) SOPRAPHIX Installations:

For steel deck applications, SOPRAPHIX base sheet shall be run with its length perpendicular to the steel deck flutes.

SOPRAPHIX Base 611, SOPRAPHIX Base 612, SOPRAPHIX Base 613, SOPRAPHIX Base 614 and SOPRAPHIX Base 622 laps are heat or hot air welded. Welding is limited to hot air when using Polymer Batten Bars.

Insulation is required in New Construction or Re-Roof (Tear-Off), Steel Deck applications. Insulation is optional in New Construction or Re-Roof (Tear-Off), Wood, Structural Concrete or CWF applications or Recover applications. Insulation shall not be installed atop New Construction, Lightweight Insulating Concrete Decks.

Top layer of insulation shall be preliminarily attached.

(c) The following surfacing may be applied to the Cap Ply without adverse effect on the system wind load performance. Refer to [Section 4.1.4](#) herein.

TABLE 7: SURFACING OPTIONS	
OPTION #	SURFACING
SURF-1.	ALSAN RS 230 Field, ALSAN Trafik RS 730 Field or ALSAN RS 260 LO Field liquid-applied, reinforced membrane or ALSAN RS 230 Flash, ALSAN Trafik RS 730 Flash or ALSAN RS 260 LO Flash liquid-applied flashing membrane
SURF-2.	ALSAN Coating AC 401 acrylic roof coating (to granule surface only)
SURF-3.	ALSAN COATING SIL 402 silicone roof coating (to granule surface only)
SURF-4.	Flood coat of hot asphalt at 60 lbs/square followed by embedded gravel at 400 lbs/square.
SURF-5.	COLPLY Adhesive or COLPY EF Adhesive at 3 to 4 gal/square followed by embedded gravel at 400 lbs/square.

3.1.5 Vapor Barriers:

(a) For System Types B-1, B-2, C-1, C-2, D-1 or D-2, an optional thermal barrier and/or SOPRAVAP'R vapor barrier membrane 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) Refer to [Section 4.3](#) herein for options where the vapor barrier forms part of the load path.

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 applicable Code requirements to the satisfaction of the Authority Having Jurisdiction.

(b) OSB sheathing is not permitted in FBC HVHZ jurisdictions.

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



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
Revision 3: 2025-04-07

SOPREMA, Inc.
FL3915-R39



(e) The table below lists various 'as-tested' deck conditions in accordance with [Testing Application Standard TAS 114\(J\)](#). Steel deck stress analysis is the responsibility of others to the satisfaction of the Authority Having Jurisdiction.

TABLE 8: 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	24	8d ring shank nails	6	-52.5
	24	#10 wood screws	6	-90.0
	24	#10 wood screws	4	-105.0
19/32-inch APA rated CDX plywood	24	8d ring shank nails	6	-67.5
	24	#8 wood screws	6	-97.5
22 ga., Type B, Grade 33 steel	72	#12 HWH Tek 5	6	-82.5
	72	#12 HWH Tek 5 with 3/8" steel washers	6	-112.5
	72	Two (2) #12 HWH Tek 5 with 3/8" steel washers	6	-172.5
22 ga., Type B, Grade 40 steel	72	#12 HWH Tek 5	6	-82.5
	72	#12 HWH Tek 5 with 3/8" washers	6	-127.5
22 ga., Type B, Grade 80 steel	72	#12 HWH Tek 5	6	-135.0
	72	#12 HWH Tek 5 with 3/8" steel washers	6	-142.5
	72	Two (2) #12 HWH Tek 5	6	-127.5
	72	Two (2) #12 HWH Tek 5 with 3/8" steel washers	6	-172.5
	66	Two (2) #12 HWH Tek 5 with 3/8" steel washers	6	-180.0
	60	Two (2) #12 HWH Tek 5 with 3/8" steel washers	6	-202.5
20 ga., Type B, Grade 80 steel	72	Two (2) #12 HWH Tek 5 with 3/8" steel washers	6	-195.0
18 ga., Type B, Grade 80 steel	72	Two (2) #12 HWH Tek 5 with 3/8" steel washers	6	-202.5

4.1.3 Fire Classification:

- (a) Refer to **IBC / FBC 1505, FBC HVHZ 1516, UL TGFU.R11436** and the fire classification certificate for the roof cover manufacturer for requirements and limitations regarding roof assembly fire classification.
- (b) Refer to **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 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 and FBC Non-HVHZ	FBC 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.	Refer to FBC HVHZ 1521 for requirements and limitations regarding recover installations.
(a)	For mechanical attachment to existing roof decks, fasteners shall be tested for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing shall be in accordance with ANSI/SPRI FX-1 or TAS 105 .	For mechanical attachment to existing roof decks, fasteners shall be tested for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing shall be in accordance with TAS 105 .
(b)	For adhered re-roof (tear off) installation, the existing substrate shall be examined for compatibility with the adhesive. If any surface conditions exist that bring system performance into question, field uplift testing in accordance with ANSI/SPRI IA-1, FM Loss Prevention Data Sheet 1-52 or TAS 124 shall be conducted on mock-ups of the proposed interface.	For adhered re-roof (tear off) installation, the existing substrate shall be examined for compatibility with the adhesive to be installed. If any surface conditions exist that bring system performance into question, field uplift testing in accordance with TAS 124 shall be conducted on mock-ups of the proposed interface.



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
Revision 3: 2025-04-07

SOPREMA, Inc.
FL3915-R39



NEMO|cert.® Page 15 of 185

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

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

4.2.3 Wind Load Resistance:

(a) Refer to [Section 4.3](#) for a tabulated summary of assembly listings and maximum allowable design pressures.
(b) “MDP” = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety per [FBC 1504.9](#) has already been applied). Refer to [IBC / FBC 1609](#) for determination of design wind loads.

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

(c) The MDP for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with [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.

Assemblies having a MDP < 45.0 psf are not permitted in FBC HVHZ jurisdictions. 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](#).

(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.

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.



NEMO|cert.

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) **Wood Decks:**

TABLE VB-1: WOOD DECK									
THERMAL BARRIER / VAPOR BARRIER FOLLOWED BY ADHERED INSULATION									
OPTION #	DECK (4.1.2)	THERMAL BARRIER			PRIMER	VAPOR BARRIER (3.1.4)		ADHESIVE PER TABLE 1A OR 2A (3.1.3)	MDP (PSF)
		TYPE	FASTENER (4.2.2) OR ADHESIVE (3.1.3)	ATTACH (3.1.2e)		BASE PLY	CAP PLY (GRANULE)		
W-TB/VB-1.	APA rated, min. 19/32 CAT, 0.578 in., Exposure 1 OSB sheathing	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 4.0 ft ²	None	SBS-CA3 (sanded top)	None	DUOTACK	-30.0*
W-TB/VB-2.	APA rated, min. 19/32 CAT, 0.578 in., Exposure 1 OSB sheathing	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 4.0 ft ²	None	(Optional) SBS-CA3	SBS-CA3	DUOTACK 365	-30.0*
W-TB/VB-3.	APA rated, min. 19/32 CAT, 0.578 in., Exposure 1 OSB sheathing	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 4.0 ft ²	(Optional) ELASTOCOL 500	SBS-AA or SBS-TAF (sanded top)	None	DUOTACK	-30.0*
W-TB/VB-4.	APA rated, min. 19/32 CAT, 0.578 in., Exposure 1 OSB sheathing	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 4.0 ft ²	(Optional) ELASTOCOL 500	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	DUOTACK 365	-30.0*
W-TB/VB-5.	APA rated, min. 19/32 CAT, 0.578 in., Exposure 1 OSB sheathing	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 4.0 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R or SBS-SA1 (sanded top)	None	DUOTACK	-30.0*
W-TB/VB-6.	APA rated, min. 19/32 CAT, 0.578 in., Exposure 1 OSB sheathing	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 4.0 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	(Optional) SBS-SA1	SBS-TAF	DUOTACK 365	-30.0*
W-TB/VB-7.	Min. 19/32-inch APA rated CDX plywood	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 4.0 ft ²	None	SBS-CA3 (sanded top)	None	DUOTACK	-37.5*
W-TB/VB-8.	Min. 19/32-inch APA rated CDX plywood	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 4.0 ft ²	None	(Optional) SBS-CA3	SBS-CA3	DUOTACK 365	-37.5*
W-TB/VB-9.	Min. 19/32-inch APA rated CDX plywood	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 4.0 ft ²	(Optional) ELASTOCOL 500	SBS-AA or SBS-TAF (sanded top)	None	DUOTACK	-37.5*
W-TB/VB-10.	Min. 19/32-inch APA rated CDX plywood	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 4.0 ft ²	(Optional) ELASTOCOL 500	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	DUOTACK 365	-37.5*



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
 Revision 3: 2025-04-07
 Page 17 of 185

SOPREMA, Inc.
 FL3915-R39



ISO/IEC 17065 PCA-145

TABLE VB-1: WOOD DECK
THERMAL BARRIER / VAPOR BARRIER FOLLOWED BY ADHERED INSULATION

OPTION #	DECK (4.1.2)	THERMAL BARRIER			PRIMER	VAPOR BARRIER (3.1.4)		ADHESIVE PER TABLE 1A OR 2A (3.1.3)	MDP (PSF)
		TYPE	FASTENER (4.2.2) OR ADHESIVE (3.1.3)	ATTACH (3.1.2E)		BASE PLY	CAP PLY (GRANULE)		
W-TB/VB-11.	Min. 19/32-inch APA rated CDX plywood	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 4.0 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R or SBS-SA1 (sanded top)	None	DUOTACK	-37.5*
W-TB/VB-12.	Min. 19/32-inch APA rated CDX plywood	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 4.0 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	(Optional) SBS-SA1	SBS-TAF	DUOTACK 365	-37.5*
W-TB/VB-13.	APA rated, min. 19/32 CAT, 0.578 in., Exposure 1 OSB sheathing or 19/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	None	SBS-CA3 (sanded top)	None	DUOTACK	-45.0*
W-TB/VB-14.	APA rated, min. 19/32 CAT, 0.578 in., Exposure 1 OSB sheathing or 19/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	None	(Optional) SBS-CA3	SBS-CA3	DUOTACK 365	-45.0*
W-TB/VB-15.	APA rated, min. 19/32 CAT, 0.578 in., Exposure 1 OSB sheathing or 19/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	(Optional) ELASTOCOL 500	SBS-AA or SBS-TAF (sanded top)	None	DUOTACK	-45.0*
W-TB/VB-16.	APA rated, min. 19/32 CAT, 0.578 in., Exposure 1 OSB sheathing or 19/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	(Optional) ELASTOCOL 500	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	DUOTACK 365	-45.0*
W-TB/VB-17.	APA rated, min. 19/32 CAT, 0.578 in., Exposure 1 OSB sheathing or 19/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R or SBS-SA1 (sanded top)	None	DUOTACK	-45.0*
W-TB/VB-18.	APA rated, min. 19/32 CAT, 0.578 in., Exposure 1 OSB sheathing or 19/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	(Optional) SBS-SA1	SBS-TAF	DUOTACK 365	-45.0*



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
Revision 3: 2025-04-07
Page 18 of 185

SOPREMA, Inc.
FL3915-R39



ISO/IEC 17065 PCA-145

TABLE VB-1: WOOD DECK									
THERMAL BARRIER / VAPOR BARRIER FOLLOWED BY ADHERED INSULATION									
OPTION #	DECK (4.1.2)	THERMAL BARRIER			PRIMER	VAPOR BARRIER (3.1.4)		ADHESIVE PER TABLE 1A OR 2A (3.1.3)	MDP (PSF)
		TYPE	FASTENER (4.2.2) OR ADHESIVE (3.1.3)	ATTACH (3.1.2E)		BASE PLY	CAP PLY (GRANULE)		
W-TB/VB-19.	Min. 15/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	SOPREMA #12 Fastener or SOPREMA #12 DP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	None	SBS-CA3 (sanded top)	None	DUOTACK	-67.5
W-TB/VB-20.	Min. 15/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	SOPREMA #12 Fastener or SOPREMA #12 DP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	None	(Optional) SBS-CA3	SBS-CA3	DUOTACK 365	-67.5
W-TB/VB-21.	Min. 15/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	SOPREMA #12 Fastener or SOPREMA #12 DP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	(Optional) ELASTOCOL 500	SBS-AA or SBS-TAF (sanded top)	None	DUOTACK	-67.5
W-TB/VB-22.	Min. 15/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	SOPREMA #12 Fastener or SOPREMA #12 DP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	(Optional) ELASTOCOL 500	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	DUOTACK 365	-67.5
W-TB/VB-23.	Min. 15/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	SOPREMA #12 Fastener or SOPREMA #12 DP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R or SBS-SA1 (sanded top)	None	DUOTACK	-67.5
W-TB/VB-24.	Min. 15/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	SOPREMA #12 Fastener or SOPREMA #12 DP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	(Optional) SBS-SA1	SBS-TAF	DUOTACK 365	-67.5
W-TB/VB-25.	Min. 15/32-inch APA rated BCX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fastener installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	None	SBS-CA3 (sanded top)	None	DUOTACK	-67.5
W-TB/VB-26.	Min. 15/32-inch APA rated BCX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fastener installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	None	(Optional) SBS-CA3	SBS-CA3	DUOTACK 365	-67.5
W-TB/VB-27.	Min. 15/32-inch APA rated BCX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fastener installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	(Optional) ELASTOCOL 500	SBS-AA or SBS-TAF (sanded top)	None	DUOTACK	-67.5
W-TB/VB-28.	Min. 15/32-inch APA rated BCX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fastener installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	(Optional) ELASTOCOL 500	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	DUOTACK 365	-67.5



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
 Revision 3: 2025-04-07
 Page 19 of 185

SOPREMA, Inc.
 FL3915-R39



ISO/IEC 17065 PCA-145

NEMO|cert.

TABLE VB-1: WOOD DECK									
THERMAL BARRIER / VAPOR BARRIER FOLLOWED BY ADHERED INSULATION									
OPTION #	DECK (4.1.2)	THERMAL BARRIER			PRIMER	VAPOR BARRIER (3.1.4)		ADHESIVE PER TABLE 1A OR 2A (3.1.3)	MDP (PSF)
		TYPE	FASTENER (4.2.2) OR ADHESIVE (3.1.3)	ATTACH (3.1.2E)		BASE PLY	CAP PLY (GRANULE)		
W-TB/VB-29.	Min. 15/32-inch APA rated BCX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fastener installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R or SBS-SA1 (sanded top)	None	DUOTACK	-67.5
W-TB/VB-30.	Min. 15/32-inch APA rated BCX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fastener installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	(Optional) SBS-SA1	SBS-TAF	DUOTACK 365	-67.5
W-TB/VB-31.	Min. 19/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum one (1) SOPREMA #14 MP Fastener or Trufast #14 HD installed into the center hole of the Versa-Fast Plate	1 per 1.8 ft ²	None	SBS-CA3 (sanded top)	None	DUOTACK	-67.5
W-TB/VB-32.	Min. 19/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum one (1) SOPREMA #14 MP Fastener or Trufast #14 HD installed into the center hole of the Versa-Fast Plate	1 per 1.8 ft ²	None	(Optional) SBS-CA3	SBS-CA3	DUOTACK 365	-67.5
W-TB/VB-33.	Min. 19/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum one (1) SOPREMA #14 MP Fastener or Trufast #14 HD installed into the center hole of the Versa-Fast Plate	1 per 1.8 ft ²	(Optional) ELASTOCOL 500	SBS-AA or SBS-TAF (sanded top)	None	DUOTACK	-67.5
W-TB/VB-34.	Min. 19/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum one (1) SOPREMA #14 MP Fastener or Trufast #14 HD installed into the center hole of the Versa-Fast Plate	1 per 1.8 ft ²	(Optional) ELASTOCOL 500	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	DUOTACK 365	-67.5
W-TB/VB-35.	Min. 19/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum one (1) SOPREMA #14 MP Fastener or Trufast #14 HD installed into the center hole of the Versa-Fast Plate	1 per 1.8 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R or SBS-SA1 (sanded top)	None	DUOTACK	-67.5
W-TB/VB-36.	Min. 19/32-inch APA rated CDX plywood	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum one (1) SOPREMA #14 MP Fastener or Trufast #14 HD installed into the center hole of the Versa-Fast Plate	1 per 1.8 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	(Optional) SBS-SA1	SBS-TAF	DUOTACK 365	-67.5



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
Revision 3: 2025-04-07
Page 20 of 185

SOPREMA, Inc.
FL3915-R39



NEMO|cert.

ISO/IEC 17065 PCA-145

TABLE VB-1: WOOD DECK									
THERMAL BARRIER / VAPOR BARRIER FOLLOWED BY ADHERED INSULATION									
OPTION #	DECK (4.1.2)	THERMAL BARRIER			PRIMER	VAPOR BARRIER (3.1.4)		ADHESIVE PER TABLE 1A OR 2A (3.1.3)	MDP (PSF)
		TYPE	FASTENER (4.2.2) OR ADHESIVE (3.1.3)	ATTACH (3.1.2E)		BASE PLY	CAP PLY (GRANULE)		
W-TB/VB-37.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365	6-inch o.c.	None	SBS-AA or SBS-TAF (sanded top)	None	DUOTACK	-105.0
W-TB/VB-38.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365	6-inch o.c.	None	(Optional) SBS-TAF	SBS-TAF	DUOTACK 365	-105.0
W-TB/VB-39.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365	6-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R or SBS-SA1 (sanded top)	None	DUOTACK	-105.0
W-TB/VB-40.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365	6-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	(Optional) SBS-SA1	SBS-TAF	DUOTACK 365	-105.0



NEMO|cert.

(b) Steel Decks:

TABLE VB-2: STEEL DECK									
THERMAL BARRIER / VAPOR BARRIER FOLLOWED BY ADHERED INSULATION									
OPTION #	DECK (4.1.2)	THERMAL BARRIER			PRIMER	VAPOR BARRIER (3.1.4)		ADHESIVE PER TABLE 2A OR 2B (3.1.3)	MDP (PSF)
		TYPE	FASTENER (4.2.2) OR ADHESIVE (3.1.3)	ATTACH (3.1.2E)		BASE PLY	CAP PLY (GRANULE)		
S-TB/VB-1.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	None	SBS-CA3, SBS-CA4 or SBS-AA (sanded top)	None	DUOTACK	-45.0*
S-TB/VB-2.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	None	(Optional) SBS-CA3	SBS-CA3	DUOTACK 365	-45.0*
S-TB/VB-3.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	None	(Optional) SBS-CA4	SBS-CA4	DUOTACK 365	-45.0*
S-TB/VB-4.	Min. 22 ga., Type B, Grade 33 steel	0.25-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	None	SBS-CA3 (sanded top)	None	DUOTACK	-45.0*
S-TB/VB-5.	Min. 22 ga., Type B, Grade 33 steel	0.25-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	None	(Optional) SBS-CA3	SBS-CA3	DUOTACK 365	-45.0*
S-TB/VB-6.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	ELASTOCOL 500	SBS-TAF (sanded top)	None	DUOTACK	-45.0*
S-TB/VB-7.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	ELASTOCOL 500	(Optional) SBS-TAF	SBS-TAF	DUOTACK 365	-45.0*
S-TB/VB-8.	Min. 22 ga., Type B, Grade 33 steel	0.25-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	None	SBS-TAF (sanded top)	None	DUOTACK	-45.0*



TABLE VB-2: STEEL DECK									
THERMAL BARRIER / VAPOR BARRIER FOLLOWED BY ADHERED INSULATION									
OPTION #	DECK (4.1.2)	THERMAL BARRIER			PRIMER	VAPOR BARRIER (3.1.4)		ADHESIVE PER TABLE 2A OR 2B (3.1.3)	MDP (PSF)
		TYPE	FASTENER (4.2.2) OR ADHESIVE (3.1.3)	ATTACH (3.1.2E)		BASE PLY	CAP PLY (GRANULE)		
S-TB/VB-9.	Min. 22 ga., Type B, Grade 33 steel	0.25-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	None	(Optional) SBS-TAF	SBS-TAF	DUOTACK 365	-45.0*
S-TB/VB-10.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R or SBS-SA1 (sanded top)	None	DUOTACK	-45.0*
S-TB/VB-11.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	(Optional) SBS-SA1	SBS-TAF	DUOTACK 365	-45.0*
S-TB/VB-12.	Min. 22 ga., Type B, Grade 33 steel	0.25-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R or SBS-SA1 (sanded top)	None	DUOTACK	-45.0*
S-TB/VB-13.	Min. 22 ga., Type B, Grade 33 steel	0.25-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	(Optional) SBS-SA1	SBS-TAF	DUOTACK 365	-45.0*
S-TB/VB-14.	22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365	12-inch o.c.	None	SBS-AA or SBS-TAF (sanded top)	None	DUOTACK	-45.0*
S-TB/VB-15.	22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365	12-inch o.c.	None	(Optional) SBS-TAF	SBS-TAF	DUOTACK 365	-45.0*
S-TB/VB-16.	22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365	12-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R or SBS-SA1 (sanded top)	None	DUOTACK	-45.0*
S-TB/VB-17.	22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365	12-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	(Optional) SBS-SA1	SBS-TAF	DUOTACK 365	-45.0*



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
 Revision 3: 2025-04-07
 Page 23 of 185

SOPREMA, Inc.
 FL3915-R39



ISO/IEC 17065 PCA-145

NEMO|cert.

TABLE VB-2: STEEL DECK									
THERMAL BARRIER / VAPOR BARRIER FOLLOWED BY ADHERED INSULATION									
OPTION #	DECK (4.1.2)	THERMAL BARRIER			PRIMER	VAPOR BARRIER (3.1.4)		ADHESIVE PER TABLE 2A OR 2B (3.1.3)	MDP (PSF)
		TYPE	FASTENER (4.2.2) OR ADHESIVE (3.1.3)	ATTACH (3.1.2E)		BASE PLY	CAP PLY (GRANULE)		
S-TB/VB-18.	22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXCell Cement Roof Board	DUOTACK 365 or DUOTACK SPF HFO	12-inch o.c.	None	(Optional) SBS-CA3	SBS-CA3	DUOTACK 365 or DUOTACK SPF HFO	-45.0*
S-TB/VB-19.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	None	SBS-CA3 (sanded top)	None	DUOTACK	-75.0
S-TB/VB-20.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	None	SBS-TAF (sanded top)	None	DUOTACK	-75.0
S-TB/VB-21.	Min. 22 ga., Type B, Grade 33 steel	0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	None	(Optional) SBS-TAF	SBS-TAF	DUOTACK 365	-75.0
S-TB/VB-22.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	None	SBS-CA3, SBS-CA4 or SBS-AA (sanded top)	None	DUOTACK	-82.5
S-TB/VB-23.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	None	SBS-AA (sanded top)	None	DUOTACK	-82.5
S-TB/VB-24.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	ELASTOCOL 500	SBS-TAF (sanded top)	None	DUOTACK	-82.5
S-TB/VB-25.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	ELASTOCOL 500	(Optional) SBS-TAF	SBS-TAF	DUOTACK 365	-82.5



TABLE VB-2: STEEL DECK									
THERMAL BARRIER / VAPOR BARRIER FOLLOWED BY ADHERED INSULATION									
OPTION #	DECK (4.1.2)	THERMAL BARRIER			PRIMER	VAPOR BARRIER (3.1.4)		ADHESIVE PER TABLE 2A OR 2B (3.1.3)	MDP (PSF)
		TYPE	FASTENER (4.2.2) OR ADHESIVE (3.1.3)	ATTACH (3.1.2E)		BASE PLY	CAP PLY (GRANULE)		
S-TB/VB-26.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R or SBS-SA1 (sanded top)	None	DUOTACK	-82.5
S-TB/VB-27.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	(Optional) SBS-SA1	SBS-TAF	DUOTACK 365	-82.5
S-TB/VB-28.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365	6-inch o.c.	None	SBS-AA or SBS-TAF (sanded top)	None	DUOTACK	-127.5
S-TB/VB-29.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365	6-inch o.c.	None	(Optional) SBS-TAF	SBS-TAF	DUOTACK 365	-127.5
S-TB/VB-30.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365	6-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R or SBS-SA1 (sanded top)	None	DUOTACK	-127.5
S-TB/VB-31.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365	6-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	(Optional) SBS-SA1	SBS-TAF	DUOTACK 365	-127.5
S-TB/VB-32.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	DUOTACK SPF HFO	12-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R or SBS-SA1 (sanded top)	None	DUOTACK SPF HFO	-75.0
S-TB/VB-33.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	DUOTACK SPF HFO	12-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	(Optional) SBS-SA1	SBS-TAF	DUOTACK SPF HFO	-75.0
S-TB/VB-34.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	12-inch o.c.	None	SBS-AA (sanded top)	None	DUOTACK SPF HFO	-75.0
S-TB/VB-35.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	12-inch o.c.	ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R	None	DUOTACK SPF HFO	-75.0
S-TB/VB-36.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	12-inch o.c.	ELASTOCOL 500	SBS-TAF (sanded top)	None	DUOTACK SPF HFO	-75.0
S-TB/VB-37.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	12-inch o.c.	ELASTOCOL 500	(Optional) SBS-TAF	SBS-TAF	DUOTACK SPF HFO	-75.0



TABLE VB-2: STEEL DECK									
THERMAL BARRIER / VAPOR BARRIER FOLLOWED BY ADHERED INSULATION									
OPTION #	DECK (4.1.2)	THERMAL BARRIER			PRIMER	VAPOR BARRIER (3.1.4)		ADHESIVE PER TABLE 2A OR 2B (3.1.3)	MDP (PSF)
		TYPE	FASTENER (4.2.2) OR ADHESIVE (3.1.3)	ATTACH (3.1.2E)		BASE PLY	CAP PLY (GRANULE)		
S-TB/VB-38.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	12-inch o.c.	ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R	None	DUOTACK SPF HFO	-75.0
S-TB/VB-39.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	12-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA1 (sanded top)	None	DUOTACK SPF HFO	-75.0
S-TB/VB-40.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	12-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	(Optional) SBS-SA1	SBS-TAF	DUOTACK SPF HFO	-75.0
S-TB/VB-41.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	DUOTACK SPF HFO	6-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R or SBS-SA1 (sanded top)	None	DUOTACK SPF HFO, 6-inch o.c.	-127.5
S-TB/VB-42.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DensDeck Prime	DUOTACK SPF HFO	6-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	(Optional) SBS-SA1	SBS-TAF	DUOTACK SPF HFO, 6-inch o.c.	-127.5
S-TB/VB-43.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	6-inch o.c.	None	SBS-AA (sanded top)	None	DUOTACK SPF HFO, 6-inch o.c.	-127.5
S-TB/VB-44.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	6-inch o.c.	ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R	None	DUOTACK SPF HFO, 6-inch o.c.	-127.5
S-TB/VB-45.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	6-inch o.c.	ELASTOCOL 500	SBS-TAF (sanded top)	None	DUOTACK SPF HFO, 6-inch o.c.	-127.5
S-TB/VB-46.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	6-inch o.c.	ELASTOCOL 500	(Optional) SBS-TAF	SBS-TAF	DUOTACK SPF HFO, 6-inch o.c.	-127.5
S-TB/VB-47.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	6-inch o.c.	ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R	None	DUOTACK SPF HFO, 6-inch o.c.	-127.5
S-TB/VB-48.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	6-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA1 (sanded top)	None	DUOTACK SPF HFO, 6-inch o.c.	-127.5
S-TB/VB-49.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	6-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	(Optional) SBS-SA1	SBS-TAF	DUOTACK SPF HFO, 6-inch o.c.	-127.5



NEMO|cert.

(c) Structural Concrete Decks:

TABLE VB-3A: STRUCTURAL CONCRETE DECK 1-PLY VAPOR BARRIER FOLLOWED BY ADHERED INSULATION				
OPTION #	PRIMER	VAPOR BARRIER (3.1.4)	INSULATION ADHESIVE PER TABLE 3A (3.1.3)	MDP (PSF)
C-VB-1.	none	SOPRASMART XP HD 180 Sanded applied in DUOTACK, ribbons 12-inch o.c. (laps are torched or sealed with a hot air gun)	DUOTACK	-52.5
C-VB-2.	ASTM D41	SBS-CA4 (granule top)	DUOTACK	-97.5
C-VB-3.	ASTM D41	SBS-CA4 (sanded top)	DUOTACK	-120.0
C-VB-4.	none	SBS-CA2 (sanded- or granule-top-surface), ribbons 6-inch o.c.	DUOTACK	-120.0
C-VB-5.	(Optional) ASTM D41, ELASTOCOL 500	SBS-CA3 (granule top)	DUOTACK	-195.0
C-VB-6.	ASTM D41	SBS-AA (granule top)	DUOTACK	-195.0
C-VB-7.	ASTM D41	SBS-TAF (granule top)	DUOTACK	-195.0
C-VB-8.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA1 (granule top)	DUOTACK	-195.0
C-VB-9.	none	SBS-CA2 (sanded- or granule-top-surface), 6-inch o.c.	DUOTACK (ribbons perpendicular to vapor barrier adhesive ribbons)	-207.5
C-VB-10.	ASTM D41	SBS-TAP (sanded top)	DUOTACK	-232.5
C-VB-11.	ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R, self-adhering	DUOTACK	-240.0
C-VB-12.	none	SBS-CA3 (sanded top)	DUOTACK	-255.0
C-VB-13.	ASTM D41, ELASTOCOL 500	SBS-CA3 (sanded top)	DUOTACK	-270.0
C-VB-14.	ASTM D41	SBS-AA (sanded top)	DUOTACK	-270.0
C-VB-15.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA1 (sanded top)	DUOTACK	-315.0
C-VB-16.	ASTM D41	SBS-TAF (sanded top)	DUOTACK	-382.5
C-VB-17.	None	SBS-CA2 (sanded- or granule-top-surface), 6-inch o.c.	DUOTACK, 6-inch o.c.	-445.0
C-VB-18.	ALSAN RS 222, ALSAN RS 276 or AQUAFIN VAPORTIGHT COAT-SG3	Base coat of ALSAN RS 230 applied at 3.9 gal/sq. followed by ALSAN RS Fleece into the wet base coat, and top coat of ALSAN RS 230 at 1.9 gal/sq., surfaced with ALSAN RS Quartz Aggregate to refusal. Remove loose aggregate prior to insulation adhesive placement.	DUOTACK 365	-382.5
C-VB-19.	ALSAN RS 222, ALSAN RS 276 or AQUAFIN VAPORTIGHT COAT-SG3	Base coat of ALSAN RS 230 applied at 3.9 gal/sq. followed by ALSAN RS Fleece into the wet base coat, and top coat of ALSAN RS 230 at 1.9 gal/sq., surfaced with ALSAN RS Quartz Aggregate to refusal. Remove loose aggregate prior to insulation adhesive placement.	DUOTACK 365, 6-inch o.c.	-445.0
C-VB-20.	ASTM D41	SBS-CA4 (granule top)	DUOTACK SPF HFO	-97.5
C-VB-21.	ASTM D41	SBS-CA4 (sanded top)	DUOTACK SPF HFO	-120.0
C-VB-22.	(Optional) ASTM D41, ELASTOCOL 500	SBS-CA3 (granule top)	DUOTACK SPF HFO	-195.0
C-VB-23.	ASTM D41	SBS-AA (granule top)	DUOTACK SPF HFO	-195.0
C-VB-24.	ASTM D41	SBS-TAF (granule top)	DUOTACK SPF HFO	-195.0
C-VB-25.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA1 (granule top)	DUOTACK SPF HFO	-195.0
C-VB-26.	(Optional) ASTM D41, ELASTOCOL 500	SBS-CA3 (sanded top)	DUOTACK SPF HFO	-222.5
C-VB-27.	ASTM D41	SBS-AA (sanded top)	DUOTACK SPF HFO	-222.5
C-VB-28.	ASTM D41	SBS-TAP or SBS-TAF (sanded top)	DUOTACK SPF HFO	-222.5



TABLE VB-3A: STRUCTURAL CONCRETE DECK 1-PLY VAPOR BARRIER FOLLOWED BY ADHERED INSULATION					
OPTION #	PRIMER	VAPOR BARRIER (3.1.4)		INSULATION ADHESIVE PER TABLE 3A (3.1.3)	MDP (PSF)
C-VB-29.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA1 (sanded top)		DUOTACK SPF HFO	-222.5
C-VB-30.	ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R, self-adhering		DUOTACK SPF HFO	-392.5
C-VB-31.	ASTM D41	SBS-AA (sanded top)		hot asphalt	-210.0
C-VB-32.	ASTM D41	SOPRA IV, SOPRA VI, MODIFIED SOPRA G applied in hot asphalt		hot asphalt	-270.0
C-VB-33.	none	SBS-CA2 (sanded-top-surface), ribbons 6-inch o.c.		hot asphalt	-367.5
C-VB-34.	ASTM D41	SBS-TAF (sanded top)		hot asphalt	-367.5

TABLE VB-3B: STRUCTURAL CONCRETE DECK 2-PLY VAPOR BARRIER FOLLOWED BY ADHERED INSULATION					
OPTION #	PRIMER	VAPOR BARRIER (3.1.4)		INSULATION ADHESIVE PER TABLE 3A (3.1.3)	MDP (PSF)
		TYPE	APPLICATION		
C-VB-35.	ASTM D41	SBS-CA4	SBS-CA4, SBS-AA or SBS-TAF (granule top)	DUOTACK	-97.5
C-VB-36.	ASTM D41	SBS-CA4	SBS-CA4 (sanded top)	DUOTACK	-120.0
C-VB-37.	none	SBS-CA2, 6-inch o.c.	SBS-CA3 or SBS-TAF (sanded- or granule-top-surface)	DUOTACK	-120.0
C-VB-38.	(Optional) ASTM D41, ELASTOCOL 500	SBS-CA3	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1 (granule top)	DUOTACK	-195.0
C-VB-39.	ASTM D41	SBS-AA or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1 (granule top)	DUOTACK	-195.0
C-VB-40.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1 (granule top)	DUOTACK	-195.0
C-VB-41.	none	SBS-CA2, 6-inch o.c.	SBS-CA3 or SBS-TAF (sanded- or granule-top-surface)	DUOTACK (ribbons perpendicular to vapor barrier adhesive ribbons)	-207.5
C-VB-42.	ASTM D41	SBS-TAP	SBS-TAF (sanded top)	DUOTACK	-232.5
C-VB-43.	none	SBS-CA3	SBS-CA3 (sanded top)	DUOTACK	-255.0
C-VB-44.	ASTM D41, ELASTOCOL 500	SBS-CA3	SBS-CA3 (sanded top)	DUOTACK	-270.0
C-VB-45.	ASTM D41	BP-AA	BP-AA	DUOTACK	-270.0
C-VB-46.	ASTM D41	SBS-AA	SBS-AA (sanded top)	DUOTACK	-270.0
C-VB-47.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA1	SBS-SA1 (sanded top)	DUOTACK	-315.0
C-VB-48.	ASTM D41	SBS-TAF	SBS-TAF (sanded top)	DUOTACK	-382.5
C-VB-49.	none	SBS-CA2, 6-inch o.c.	SBS-CA3 (sanded- or granule-top-surface)	DUOTACK, 6-inch o.c.	-382.5
C-VB-50.	none	SBS-CA2, 6-inch o.c.	SBS-TAF (sanded- or granule-top-surface)	DUOTACK, 6-inch o.c.	-445.0
C-VB-51.	ASTM D41	SBS-AA	SBS-AA (sanded top)	hot asphalt	-210.0
C-VB-52.	ASTM D41	BP-AA	BP-AA	hot asphalt	-270.0
C-VB-53.	none	SBS-CA2, 6-inch o.c.	SBS-CA3 or SBS-TAF (sanded-top-surface)	hot asphalt	-367.5
C-VB-54.	ASTM D41	SBS-TAF	SBS-TAF (sanded top)	hot asphalt	-367.5



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
 Revision 3: 2025-04-07
 Page 28 of 185

SOPREMA, Inc.
 FL3915-R39



NEMO|cert.

(d) Deck followed by Vapor Barrier followed by Lightweight Concrete (LWC):

TABLE VB-4: DECK FOLLOWED BY VAPOR BARRIER FOLLOWED BY LIGHTWEIGHT CONCRETE (LWC)								
OPTION #	DECK (4.1.2)	SUBSTRATE BOARD			PRIMER	VAPOR BARRIER (3.1.4)		MDP (psf)
		TYPE	FASTENER (4.2.2) OR ADHESIVE (3.1.3)	ATTACH		BASE PLY	CAP PLY	
LWC-VB-1.	Structural concrete	None	N/A	N/A	None	SBS-CA3 (sanded-top-surface)	None	-255.0
LWC-VB-2.	Structural concrete	None	N/A	N/A	None	(Optional) SBS-CA3	SBS-CA3 (sanded- or granule-top-surface)	-255.0
LWC-VB-3.	Structural concrete	None	N/A	N/A	ASTM D41, ELASTOCOL 500	SBS-CA3 (sanded-top-surface)	None	-270.0
LWC-VB-4.	Structural concrete	None	N/A	N/A	ASTM D41, ELASTOCOL 500	(Optional) SBS-CA3	SBS-CA3 (sanded- or granule-top-surface)	-270.0
LWC-VB-5.	Structural concrete	None	N/A	N/A	ASTM D41, ELASTOCOL 500	SBS-TAF (sanded-top-surface)	None	-367.5
LWC-VB-6.	Structural concrete	None	N/A	N/A	ASTM D41, ELASTOCOL 500	(Optional) SBS-TAF	SBS-TAF (sanded- or granule-top-surface)	-367.5
LWC-VB-7.	Structural concrete	None	N/A	N/A	None	SBS-CA2, ribbons 6-inch o.c.	SBS-CA3 (sanded- or granule-top-surface)	-382.5
LWC-VB-8.	Structural concrete	None	N/A	N/A	None	SBS-CA2 (sanded- or granule-top-surface), ribbons 6-inch o.c.	None	-445.0
LWC-VB-9.	Structural concrete	None	N/A	N/A	None	SBS-CA2, ribbons 6-inch o.c.	SBS-TAF (sanded- or granule-top-surface)	-445.0
CWF-VB-LWC-1.	Cementitious Wood Fiber	Min. 0.125-inch SOPRABOARD	Twin Loc-Nail (1.8-inch)	1 per 1.8 ft ²	None	SBS-CA3, SBS-AA or SBS-TAF	(Optional) SBS-CA3, SBS-AA or SBS-TAF	-45.0*
CWF-VB-LWC-2.	Cementitious Wood Fiber	Min. 0.125-inch SOPRABOARD	Twin Loc-Nail (1.8-inch)	1 per 1.0 ft ²	None	SBS-CA3, SBS-AA or SBS-TAF	(Optional) SBS-CA3, SBS-AA or SBS-TAF	-67.5
CWF-VB-LWC-3.	Cementitious Wood Fiber	Min. 0.125-inch SOPRABOARD	DUOTACK 365 or DUOTACK SPF HFO	ribbons 6-inch o.c.	None	SBS-CA3, SBS-AA or SBS-TAF	(Optional) SBS-CA3, SBS-AA or SBS-TAF	-272.0
GYP-VB-LWC-1.	Existing gypsum	None	N/A	N/A	None	SBS-CA2, ribbons 6-inch o.c.	SBS-CA3 (sanded- or granule-top-surface)	-382.5
GYP-VB-LWC-2.	Existing gypsum	None	N/A	N/A	None	SBS-CA2 (sanded- or granule-top-surface), ribbons 6-inch o.c.	None	-445.0
GYP-VB-LWC-3.	Existing gypsum	None	N/A	N/A	None	SBS-CA2, ribbons 6-inch o.c.	SBS-TAF (sanded- or granule-top-surface)	-445.0



NEMO|cert.

(e) Cementitious Wood Fiber Decks:

TABLE VB-5: CEMENTITIOUS WOOD FIBER DECK VAPOR BARRIER FOLLOWED BY ADHERED INSULATION							
OPTION #	SUBSTRATE BOARD			VAPOR BARRIER (3.1.4)		INSULATION ADHESIVE (3.1.3)	MDP (psf)
	TYPE	FASTENER (4.2.2) OR ADHESIVE (3.1.3)	ATTACH	BASE PLY	CAP PLY		
CWF-VB-1.	Min. 0.125-inch SOPRABOARD	Trufast Twin Loc-Nail (1.8-inch)	1 per 1.8 ft ²	SBS-CA3, SBS-AA or SBS-TAF	(Optional) SBS-CA3, SBS-AA or SBS-TAF	DUOTACK 365 or DUOTACK SPF HFO per Table 2A	-45.0*
CWF-VB-2.	Min. 0.125-inch SOPRABOARD	Trufast Twin Loc-Nail (1.8-inch)	1 per 1.0 ft ²	SBS-CA3, SBS-AA or SBS-TAF	(Optional) SBS-CA3, SBS-AA or SBS-TAF	DUOTACK 365 or DUOTACK SPF HFO per Table 2A	-67.5
CWF-VB-3.	Min. 0.125-inch SOPRABOARD	DUOTACK 365 or DUOTACK SPF HFO	ribbons 6-inch o.c.	SBS-CA3, SBS-AA or SBS-TAF	(Optional) SBS-CA3, SBS-AA or SBS-TAF	DUOTACK 365 or DUOTACK SPF HFO per Table 3A or 5A	-272.0
CWF-VB-4.	SOPRASMART Board 180 Sanded	DUOTACK 365 or DUOTACK SPF HFO	ribbons 6-inch o.c.	(Optional) SBS-CA3, SBS-AA or SBS-TAF	(Optional) SBS-CA3, SBS-AA or SBS-TAF	DUOTACK 365 or DUOTACK SPF HFO per Table 3A or 5A	-272.5
CWF-VB-5.	SOPRASMART Board 180	DUOTACK 365 or DUOTACK SPF HFO	ribbons 6-inch o.c.	(Optional) SBS-TAF (with sanded-top-surface)	(Optional) SBS-CA3, SBS-AA or SBS-TAF	DUOTACK 365 or DUOTACK SPF HFO per Table 3A or 5A	-272.5
CWF-VB-6.	SOPRASMART Board 180	DUOTACK 365 or DUOTACK SPF HFO	ribbons 6-inch o.c.	SBS-TAF (film-top-surface)	SBS-TAF	DUOTACK 365 or DUOTACK SPF HFO per Table 3A or 5A	-272.5

(f) Existing Gypsum Decks:

TABLE VB-6: EXISTING GYPSUM DECK VAPOR BARRIER FOLLOWED BY ADHERED INSULATION				
OPTION #	VAPOR BARRIER (3.1.4)		INSULATION ADHESIVE PER TABLE 3A OR 6A (3.1.3)	MDP (psf)
	BASE PLY	CAP PLY		
GYP-VB-1.	SBS-CA2 (sanded- or granule-top-surface), ribbons 6-inch o.c.	None	DUOTACK	-120.0
GYP-VB-2.	SBS-CA2, ribbons 6-inch o.c.	SBS-CA3 or SBS-TAF (sanded- or granule-top-surface)	DUOTACK	-120.0
GYP-VB-3.	SBS-CA2 (sanded- or granule-top-surface), ribbons 6-inch o.c.	None	DUOTACK (ribbons perpendicular to vapor barrier adhesive ribbons)	-207.5
GYP-VB-4.	SBS-CA2, ribbons 6-inch o.c.	SBS-CA3 or SBS-TAF (sanded- or granule-top-surface)	DUOTACK (ribbons perpendicular to vapor barrier adhesive ribbons)	-207.5
GYP-VB-5.	SBS-CA2, ribbons 6-inch o.c.	SBS-CA3 (sanded- or granule-top-surface)	DUOTACK, 6-inch o.c.	-382.5
GYP-VB-6.	SBS-CA2 (sanded- or granule-top-surface), ribbons 6-inch o.c.	None	DUOTACK, 6-inch o.c.	-445.0
GYP-VB-7.	SBS-CA2, ribbons 6-inch o.c.	SBS-TAF (sanded- or granule-top-surface)	DUOTACK, 6-inch o.c.	-445.0



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
Revision 3: 2025-04-07
Page 30 of 185

SOPREMA, Inc.
FL3915-R39



NEMO|cert.

4.3.2 Roof Assemblies:

TABLE	DECK	APPLICATION	TYPE	DESCRIPTION	PAGE
9A	Wood	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	31
9B	Wood	New, Reroof (Tear-Off) or Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	34
9C	Wood	New or Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	39
9D	Wood	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	41
9E	Wood	New, Reroof (Tear-Off) or Recover	D-2	Insulated, Mechanically Attached SOPRAPHIX, Bonded Roof Cover	48
9F	Wood	New, Reroof (Tear-Off)	E-2	Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	51
9G	Wood	New, Reroof (Tear-Off) or Recover	E-2	Non-Insulated, Mechanically Attached SOPRAPHIX, Bonded Roof Cover	51
9H	Wood	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	53
10A	Steel	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	53
10B	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	63
10C	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	81
10D	Steel	New, Reroof (Tear-Off) or Recover	D-2	Insulated, Mechanically Attached SOPRAPHIX, Bonded Roof Cover	92
10E	Steel	New, Reroof (Tear-Off) or Recover	D-3	Insulated, Bonded & Mechanically Attached Base Membrane, Bonded Roof Cover	97
11A	Structural Concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	98
11B	Structural Concrete	New or Reroof (Tear-Off)	A-2	Bonded Vapor Barrier, Bonded Insulation, Bonded Roof Cover	113
11C	Structural Concrete	New, Reroof (Tear-Off) or Recover	D-2	Insulated, Mechanically Attached SOPRAPHIX, Bonded Roof Cover	113
11D	Structural Concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	116
12A	Deck with Lightweight Concrete	New, Reroof (Tear-Off)	A-1	LWC to Deck, Bonded Insulation, Bonded Roof Cover	117
12B	Deck with Lightweight Concrete	New, Reroof (Tear-Off)	A-1	LWC to Deck, Bonded Vapor Barrier, Bonded Insulation, Bonded Roof Cover	122
12C	Deck with Lightweight Concrete	New or Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	124
12D	Deck with Lightweight Concrete	New, Reroof (Tear-Off)	E-2	LWC to Deck, Mechanically Attached Base Sheet, Bonded Roof Cover	125
12E	Deck with Lightweight Concrete	New, Reroof (Tear-Off)	E-2	Thermal Barrier to Deck, Vapor Barrier, LWC to Vapor Barrier, Mechanically Attached Base Sheet, Bonded Roof Cover	130
12F	Deck with Lightweight Concrete	New, Reroof (Tear-Off)	E-2	LWC to Deck, Mechanically Attached SOPRAPHIX, Bonded Roof Cover	134
12G	Deck with Lightweight Concrete	New, Reroof (Tear-Off)	F	LWC to Deck, Bonded Roof Cover	142
12H	Deck with Lightweight Concrete	New, Reroof (Tear-Off)	F	Thermal Barrier to Deck, Vapor Barrier to Barrier, LWC to Vapor Barrier, Bonded Roof Cover	143
12I	Deck with Lightweight Concrete	New, Reroof (Tear-Off)	F	LWC to Deck, Bonded Roof Cover	143
13A	Cementitious Wood Fiber	New, Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	145
13B	Cementitious Wood Fiber	New, Reroof (Tear-Off)	A-3	Bonded Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation, Bonded Roof Cover	150
13C	Cementitious Wood Fiber	Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	152
13D	Cementitious Wood Fiber	Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	154
13E	Cementitious Wood Fiber	Reroof (Tear-Off) or Recover	D-2	Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	155
13F	Cementitious Wood Fiber	Reroof (Tear-Off) or Recover	E-2	Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	155
14A	Existing Gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	156
14B	Existing Gypsum	Reroof (Tear-Off)	A-1	Vapor Barrier to Deck, Bonded Insulation, Bonded Roof Cover	160
14C	Existing Gypsum	Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	165
14D	Existing Gypsum	Reroof (Tear-Off)	C-1	Mechanically Attached Insulation, Bonded Roof Cover	166
14E	Existing Gypsum	Reroof (Tear-Off)	D-2	Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	167
14F	Existing Gypsum	Reroof (Tear-Off)	D-2	Insulated, Mechanically Attached SOPRAPHIX, Bonded Roof Cover	167
14G	Existing Gypsum	Reroof (Tear-Off)	E-2	Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	168
14H	Existing Gypsum	Reroof (Tear-Off)	E-2	Non-Insulated, Mechanically Attached SOPRAPHIX, Bonded Roof Cover	168
14I	Existing Gypsum	Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	169
15A	Various	Recover	A-1	Bonded Insulation, Bonded Roof Cover	170
15B	Existing LWIC or Gypsum	Reroof (Tear-Off) or Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	178
15C	Existing LWIC or Gypsum	Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	180
15D	Existing LWIC	Reroof (Tear-Off)	E-2	Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	182
15E	Existing LWIC or Gypsum	Reroof (Tear-Off) or Recover	E-2	Non-Insulated, Mechanically Attached SOPRAPHIX, Bonded Roof Cover	183
15F	Various	Recover	F	Non-Insulated, Bonded Roof Cover	185



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
Revision 3: 2025-04-07
Page 31 of 185

SOPREMA, Inc.
FL3915-R39



ISO/IEC 17065 PCA-145

**TABLE 9A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

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

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		PRIMER	ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)		BASE PLY	PLY	CAP PLY	
COLD APPLIED BASE PLY:										
W-1.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365, 12" o.c.	Min. 0.125-inch SOPRABOARD or 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	DUOTACK 365, 12" o.c.	None	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-52.5
W-2.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365, 6" o.c.	Min. 0.25-inch SOPRABOARD	DUOTACK 365, 6" o.c.	None	SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-82.5
W-3.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365, 6" o.c.	Min. 0.25-inch SOPRABOARD	DUOTACK 365, 6" o.c.	None	SBS-CA3	None	SBS-CA3	-97.5
W-4.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365, 6" o.c.	Min. 0.25-in. DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, 6" o.c.	None	SBS-CA4	None	SBS-CA3, SBS-CA4	-105.0
W-5.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, ribbons 6" o.c.	None	N/A	None	SBS-CA4	None	SBS-CA3, SBS-CA4	-105.0
W-6.	APA rated, 19/32 CAT, 0.578 in., Exposure 1 OSB or min. 15/32" APA rated plywood	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-in. DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	None	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-52.5
HOT OR TORCH APPLIED BASE PLY:										
W-7.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365, 12" o.c.	Min. 0.125-inch SOPRABOARD or 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	DUOTACK 365, 12" o.c.	None	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-52.5
W-8.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365, 6" o.c.	Min. 0.25-in. SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, 6" o.c.	None	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-105.0
W-9.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, ribbons 6" o.c.	None	N/A	None	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-105.0
W-10.	APA rated, 19/32 CAT, 0.578 in., Exposure 1 OSB or min. 15/32" APA rated plywood	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-in. DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	None	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-52.5



NEMO|cert.

**TABLE 9A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

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

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		PRIMER	ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)		BASE PLY	PLY	CAP PLY	
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:										
W-11.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365, 12" o.c.	Min. 0.125-inch SOPRABOARD or 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	DUOTACK 365, 12" o.c.	ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-52.5
W-12.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365, 6" o.c.	Min. 0.25-in. SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, 6" o.c.	ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA1	(Optional) SBS-SA1	SBS-SA1	-82.5
W-13.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, ribbons 6" o.c.	None	N/A	ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA1	(Optional) SBS-SA1	SBS-SA1	-82.5
W-14.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365, 6" o.c.	Min. 0.25-in. SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, 6" o.c.	ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA1	(Optional) SBS-AA or SBS-TAF	SBS-AA SBS-TAF	-105.0
W-15.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, ribbons 6" o.c.	None	N/A	ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA1	(Optional) SBS-AA or SBS-TAF	SBS-AA SBS-TAF	-105.0
W-16.	APA rated, 19/32 CAT, 0.578 in., Exposure 1 OSB or min. 15/32" APA rated plywood	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-in. DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-52.5
ELASTOPHENE ULTRA-STICK OR SOPRALENE ULTRA-STICK BASE PLY:										
W-17.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365, 12" o.c.	Min. 0.125-inch SOPRABOARD or 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	DUOTACK 365, 12" o.c.	ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-52.5
W-18.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365, 6" o.c.	Min. 0.25-in. SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, 6" o.c.	ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-97.5
W-19.	APA rated, 7/16 CAT, 0.418 in., Exposure 1 OSB, min. 15/32" APA rated plywood or nominal 1" T&G wood plank	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, ribbons 6" o.c.	None	N/A	ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-97.5



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
Revision 3: 2025-04-07
Page 33 of 185

SOPREMA, Inc.
FL3915-R39



ISO/IEC 17065

PCA-145

TABLE 9A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO [TABLE VB-1](#) FOR THERMAL BARRIER / VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER		TOP INSULATION LAYER(S)		PRIMER	ROOF COVER (3.1.4)			MDP (psf)
		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)		BASE PLY	PLY	CAP PLY	
W-20.	APA rated, 19/32 CAT, 0.578 in., Exposure 1 OSB or min. 15/32" APA rated plywood	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-in. DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-52.5



TABLE 9B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (3.1.1, 4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
COLD APPLIED BASE PLY:										
W-21.	Min. 19/32-inch 4-ply plywood	Min. 1.5-inch ACFoam II	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate or OMG #14 Roofgrip with Accutrac Flat Bottom Plate	1 per 1.45 ft ²	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating	hot asphalt	SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-45.0*
W-22.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	Min. 0.125-inch SOPRABOARD, 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	DUOTACK	SBS-CA3	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-45.0*
W-23.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	Min. 0.125-inch SOPRABOARD, Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	DUOTACK	SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-45.0*
W-24.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	SOPRASMART Board 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-45.0*
W-25.	Min. 15/32-inch APA rated BCX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	Min. 0.25-inch SOPRABOARD	DUOTACK	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-67.5
W-26.	Min. 15/32-inch APA rated BCX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	SOPRASMART Board 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA4	-67.5
W-27.	Min. 15/32-inch APA rated BCX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	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	DUOTACK	SBS-CA3	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-67.5



TABLE 9B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (3.1.1, 4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
W-28.	Min. 15/32-inch APA rated BCX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	DUOTACK	SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-67.5
W-29.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	SBS-CA3	(Optional) SBS-CA3	SBS-CA3	-45.0*
W-30.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	Min. Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	DUOTACK SPF HFO	SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-45.0*
W-31.	Min. 15/32-inch APA rated BCX plywood	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	SBS-CA3	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-67.5
W-32.	Min. 15/32-inch APA rated BCX plywood	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	DUOTACK SPF HFO	SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-67.5
W-33.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	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	Trufast RA	SBS-CA3	(Optional) SBS-CA3	SBS-CA3	-45.0*
W-34.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Trufast RA	SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-45.0*
HOT OR TORCH APPLIED BASE PLY:										
W-35.	Min. 19/32-inch 4-ply plywood	Min. 1.5-inch ACFoam II	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate or OMG #14 Roofgrip with Accutrac Flat Bottom Plate	1 per 1.45 ft ²	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating	hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-45.0*



TABLE 9B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (3.1.1, 4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
W-36.	Min. 19/32-inch APA rated CDX plywood	Min. 2-inch ACFoam II	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate or OMG #14 Roofgrip with Accutrac Flat Bottom Plate	1 per 1.45 ft ²	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating	hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-60.0*
W-37.	Min. 15/32-inch APA rated BCX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	Min. 0.75-inch JM Fesco Board	hot asphalt	BP-AA	BP-AA	SBS-CA4	-67.5
W-38.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	Min. 0.125-inch SOPRABOARD, 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	DUOTACK	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-45.0*
W-39.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	SOPRASMART Board 180 Sanded	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-45.0*
W-40.	Min. 15/32-inch APA rated BCX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	Min. 0.25-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-67.5
W-41.	Min. 15/32-inch APA rated BCX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	SOPRASMART Board 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-67.5
W-42.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-45.0*



TABLE 9B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (3.1.1, 4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
W-43.	Min. 15/32-inch APA rated BCX plywood	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fastener installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-67.5
W-44.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	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	Trufast RA	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-45.0*
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:										
W-45.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	Min. 0.125-inch SOPRABOARD primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC or Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC or Min. 7/16-inch DEXcell Cement Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero, ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-45.0*
W-46.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-45.0*
W-47.	Min. 15/32-inch APA rated BCX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	Min. 0.25-inch SOPRABOARD primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-67.5
W-48.	Min. 15/32-inch APA rated BCX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-67.5



NEMO|cert.

TABLE 9B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER

SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (3.1.1, 4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
W-49.	Min. 15/32-inch APA rated BCX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	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 primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-67.5
W-50.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-45.0*
W-51.	Min. 15/32-inch APA rated BCX plywood	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fastener installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-67.5
W-52.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	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. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	Trufast RA	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-45.0*
ELASTOPHENE ULTRA-STICK OR SOPRALENE ULTRA-STICK BASE PLY:										
W-53.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	Min. 0.125-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*
W-54.	Min. 15/32-inch APA rated BCX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	Min. 0.25-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-67.5



TABLE 9B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (3.1.1, 4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
W-55.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) SOPREMA #14 MP Fastener or Trufast #14 HD installed into the center hole of the Versa-Fast Plate	1 per 1.8 ft ²	Min. 0.25-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-67.5
W-56.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*
W-57.	Min. 15/32-inch APA rated BCX plywood	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fastener installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-67.5
W-58.	Min. 19/32-inch APA rated CDX plywood	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	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. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	Trufast RA	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*

TABLE 9C: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

SYSTEM No.	DECK (4.1.2)	ANCHOR SHEET		VAPOR BARRIER (3.1.4)	BASE INSULATION LAYER(S)		TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (3.1.1, 4.2.2)		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
COLD APPLIED BASE PLY:												
W-59.	Min. 19/32-inch plywood or nominal 1" T&G wood plank	One or two layers MODIFIED SOPRA G, SOPRABASE S	12 ga. annular ring shank nails with min. 3/8" diameter head through min. 32 ga., 1-5/8" diameter "tin caps" 6-inch o.c. at 4-inch wide side laps and 6-inch o.c. at three equally spaced rows in the center of the sheet	(Optional) BP-AA, SBS-AA (sand-surfaced) or SBS-TAF (sand-surfaced)	(Optional) Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min.0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-CA4	(Optional) SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-60.0



TABLE 9C: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)

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

SYSTEM NO.	DECK (4.1.2)	ANCHOR SHEET		VAPOR BARRIER (3.1.4)	BASE INSULATION LAYER(S)		TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (3.1.1, 4.2.2)		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
W-60.	Min. 19/32-inch plywood or nominal 1" T&G wood plank	One or two layers MODIFIED SOPRA G, SOPRABASE S	12 ga. annular ring shank nails with min. 3/8" diameter head through min. 32 ga., 1-5/8" diameter "tin caps" 6-inch o.c. at 4-inch wide side laps and 6-inch o.c. at three equally spaced rows in the center of the sheet	(Optional) BP-AA, SBS-AA (sand-surfaced) or SBS-TAF (sand-surfaced)	(Optional) Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min.0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-CA3	None	SBS-CA3	-60.0
W-61.	Min. 19/32-inch plywood or nominal 1" T&G wood plank	One or two layers MODIFIED SOPRA G, SOPRABASE S	12 ga. annular ring shank nails with min. 3/8" diameter head through min. 32 ga., 1-5/8" diameter "tin caps" 6-inch o.c. at 4-inch wide side laps and 6-inch o.c. at three equally spaced rows in the center of the sheet	(Optional) BP-AA, SBS-AA (sand-surfaced) or SBS-TAF (sand-surfaced)	(Optional) Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	DUOTACK in ribbons run atop anchor sheet fastener rows	Min.0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK ribbons spaced 6" o.c. or, if no base insulation, run atop anchor sheet fastener rows	SBS-CA4	(Optional) SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-45.0
W-62.	Min. 19/32-inch plywood or nominal 1" T&G wood plank	One or two layers MODIFIED SOPRA G, SOPRABASE S	12 ga. annular ring shank nails with min. 3/8" diameter head through min. 32 ga., 1-5/8" diameter "tin caps" 6-inch o.c. at 4-inch wide side laps and 6-inch o.c. at three equally spaced rows in the center of the sheet	(Optional) BP-AA, SBS-AA (sand-surfaced) or SBS-TAF (sand-surfaced)	(Optional) Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	DUOTACK in ribbons run atop anchor sheet fastener rows	Min.0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK ribbons spaced 6" o.c. or, if no base insulation, run atop anchor sheet fastener rows	SBS-CA3	None	SBS-CA3	-45.0
W-63.	Min. 15/32-inch APA rated plywood or nominal 1" T&G wood plank	One or two layers SOPRABASE S	12 ga. annular ring shank nails with min. 3/8" diameter head through min. 32 ga., 1-5/8" diameter "tin caps" 6-inch o.c. at 4-inch wide side laps and 6-inch o.c. at four (4) equally spaced rows in the center of the sheet	(Optional) BP-AA, SBS-AA (sand-surfaced) or SBS-TAF (sand-surfaced)	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365, 6-inch o.c.	Min. 0.25-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, 6-inch o.c.	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-75.0
HOT OR TORCH APPLIED BASE PLY:												
W-64.	Min. 19/32-inch plywood or nominal 1" T&G wood plank	One or two layers MODIFIED SOPRA G, SOPRABASE S	12 ga. annular ring shank nails with min. 3/8" diameter head through min. 32 ga., 1-5/8" diameter "tin caps" 6-inch o.c. at 4-inch wide side laps and 6-inch o.c. at three equally spaced rows in the center of the sheet	(Optional) BP-AA, SBS-AA (sand-surfaced) or SBS-TAF (sand-surfaced)	(Optional) Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min.0.25-inch DensDeck primed with ELASTOCOL 500, ELASTOCOL Stick or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-AASBS-TAP or SBS-TAF	(Optional) SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-60.0



TABLE 9C: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)												
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER												
SYSTEM NO.	DECK (4.1.2)	ANCHOR SHEET		VAPOR BARRIER (3.1.4)	BASE INSULATION LAYER(S)		TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (3.1.1, 4.2.2)		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
W-65.	Min. 19/32-inch plywood or nominal 1" T&G wood plank	One or two layers MODIFIED SOPRA G, SOPRABASE S	12 ga. annular ring shank nails with min. 3/8" diameter head through min. 32 ga., 1-5/8" diameter "tin caps" 6-inch o.c. at 4-inch wide side laps and 6-inch o.c. at three equally spaced rows in the center of the sheet	(Optional) BP-AA, SBS-AA (sand-surfaced) or SBS-TAF (sand-surfaced)	(Optional) Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	DUOTACK in ribbons run atop anchor sheet fastener rows	Min.0.25-inch DensDeck primed with ELASTOCOL 500, ELASTOCOL Stick or SECUROCK Gypsum-Fiber Roof Board	DUOTACK ribbons spaced 6" o.c. or, if no base insulation, run atop anchor sheet fastener rows	SBS-AA, SBS-TAP or SBS-TAF	(Optional) SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-45.0
W-66.	Min. 15/32-inch APA rated plywood or nominal 1" T&G wood plank	One or two layers SOPRABASE S	12 ga. annular ring shank nails with min. 3/8" diameter head through min. 32 ga., 1-5/8" diameter "tin caps" 6-inch o.c. at 4-inch wide side laps and 6-inch o.c. at four (4) equally spaced rows in the center of the sheet	(Optional) BP-AA, SBS-AA (sand-surfaced) or SBS-TAF (sand-surfaced)	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365, 6-inch o.c.	Min. 0.25-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, 6-inch o.c.	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-75.0
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:												
W-67.	Min. 15/32-inch APA rated plywood or nominal 1" T&G wood plank	One or two layers SOPRABASE S	12 ga. annular ring shank nails with min. 3/8" diameter head through min. 32 ga., 1-5/8" diameter "tin caps" 6-inch o.c. at 4-inch wide side laps and 6-inch o.c. at four (4) equally spaced rows in the center of the sheet	(Optional) BP-AA, SBS-AA (sand-surfaced) or SBS-TAF (sand-surfaced)	Min. 0.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365, 6-inch o.c.	Min. 0.25-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK 365, 6-inch o.c.	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-75.0

TABLE 9D: 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)	SLIP SHEET	BASE INSULATION LAYER(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)		
				TYPE	FASTENER (3.1.1, 4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP			
COLD APPLIED BASE PLY:												
W-68.	APA rated, min. 19/32 CAT, 0.578 in., Exposure 1 OSB sheathing	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener	1 per 4.0 ft ²	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-30.0*		



**TABLE 9D: 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)	SLIP SHEET	BASE INSULATION LAYER(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
				TYPE	FASTENER (3.1.1, 4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
W-69.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 2.3 ft ²	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-30.0*
W-70.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.25-inch SOPRABOARD	OMG #14 Heavy Duty with AccuTrac Flat Bottom	1 per 3.2 ft ²	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-30.0*
W-71.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener	1 per 4.0 ft ²	SBS-CA3	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-37.5*
W-72.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate or OMG #14 Roofgrip with Accutrac Flat Bottom Plate	1 per 2.3 ft ²	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-37.5*
W-73.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate or OMG #14 Roofgrip with Accutrac Flat Bottom Plate	1 per 2.0 ft ²	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-45.0*
W-74.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.6 ft ²	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-52.5
W-75.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.6 ft ²	SBS-CA3	None	SBS-CA3	-52.5
W-76.	Min. 15/32-inch APA rated CDX plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	SOPREMA #12 Fastener or SOPREMA #12 DP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.6 ft ²	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-67.5
W-77.	Min. 15/32-inch APA rated BCX plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-67.5



NEMO|cert.

TABLE 9D: 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)	SLIP SHEET	BASE INSULATION LAYER(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
				TYPE	FASTENER (3.1.1, 4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
W-78.	Min. 19/32-inch APA rated CDX plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum one (1) SOPREMA #14 MP Fastener or Trufast #14 HD installed into the center hole of the Versa-Fast Plate	1 per 1.8 ft ²	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-67.5
HOT OR TORCH APPLIED BASE PLY:										
W-79.	APA rated, min. 19/32 CAT, 0.578 in., Exposure 1 OSB sheathing	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener	1 per 4.0 ft ²	SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-30.0*
W-80.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.3 ft ²	BP-AA, SBS-AA, SBS-AA2, SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-AA2, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-AA2, SBS-CA4, SBS-SA1 or SBS-TAF	-30.0*
W-81.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener	1 per 4.0 ft ²	SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-37.5*
W-82.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate or OMG #14 Roofgrip with Accutrac Flat Bottom Plate	1 per 2.3 ft ²	BP-AA, SBS-AA, SBS-AA2, SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-AA2, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-AA2, SBS-CA4, SBS-SA1 or SBS-TAF	-37.5*
W-83.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate or OMG #14 Roofgrip with Accutrac Flat Bottom Plate	1 per 2.0 ft ²	BP-AA, SBS-AA, SBS-AA2, SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-AA2, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-AA2, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
W-84.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck primed with ELASTOCOL 500 or ELASTOCOL Stick or SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.6 ft ²	SBS-AA, SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-TAF or SBS-SA1	SBS-AA, SBS-TAF or SBS-SA1	-52.5



**TABLE 9D: 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)	SLIP SHEET	BASE INSULATION LAYER(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
				TYPE	FASTENER (3.1.1, 4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
W-85.	Min. 19/32-inch plywood; 2 ft span	(Optional) One or more layers Sopra-G or MODIFIED SOPRA-G, loose laid	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.3 ft ²	SBS-TAF	(Optional) SBS-TAF	SBS-TAF	-75.0
W-86.	Min. 15/32-inch APA rated CDX plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	SOPREMA #12 Fastener or SOPREMA #12 DP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.6 ft ²	SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-67.5
W-87.	Min. 15/32-inch APA rated BCX plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-67.5
W-88.	Min. 19/32-inch APA rated CDX plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board.	Trufast Versa-Fast Plate with minimum one (1) SOPREMA #14 MP Fastener or Trufast #14 HD installed into the center hole of the Versa-Fast Plate	1 per 1.8 ft ²	SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-67.5
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:										
W-89.	APA rated, min. 19/32 CAT, 0.578 in., Exposure 1 OSB sheathing	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener	1 per 4.0 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-30.0*
W-90.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL 500, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 2.3 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-30.0*
W-91.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener	1 per 4.0 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-37.5*



NEMO|cert.

TABLE 9D: 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)	SLIP SHEET	BASE INSULATION LAYER(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
				TYPE	FASTENER (3.1.1, 4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
W-92.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD primed with ELASTOCOL 500, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC or 0.25-inch DensDeck Prime	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate or OMG #14 Roofgrip with Accutrac Flat Bottom Plate	1 per 2.3 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-37.5*
W-93.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD or 0.25-inch DensDeck Prime	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate or OMG #14 Roofgrip with Accutrac Flat Bottom Plate	1 per 2.0 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
W-94.	Min. 15/32-inch APA rated CDX plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #12 Fastener or SOPREMA #12 DP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.6 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-67.5
W-95.	Min. 15/32-inch APA rated BCX plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-67.5
W-96.	Min. 19/32-inch APA rated CDX plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast Versa-Fast Plate with minimum one (1) SOPREMA #14 MP Fastener or Trufast #14 HD installed into the center hole of the Versa-Fast Plate	1 per 1.8 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-67.5
ELASTOPHENE ULTRA-STICK OR SOPRALENE ULTRA-STICK BASE PLY:										
W-97.	APA rated, min. 19/32 CAT, 0.578 in., Exposure 1 OSB sheathing	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener	1 per 4.0 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-30.0*



TABLE 9D: 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)	SLIP SHEET	BASE INSULATION LAYER(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
				TYPE	FASTENER (3.1.1, 4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
W-98.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 2.3 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-30.0*
W-99.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener	1 per 4.0 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-37.5*
W-100.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate or OMG #14 Roofgrip with Accutrac Flat Bottom Plate	1 per 2.3 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-37.5*
W-101.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate or OMG #14 Roofgrip with Accutrac Flat Bottom Plate	1 per 2.0 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*
W-102.	Min. 19/32-inch APA rated CDX plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	(Optional) One or more layers, any combination, loose laid	Min 2-inch ACfoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast Versa-Fast Plate with minimum one (1) Versa-Fast Fastener installed into the center-hole of the Versa-Fast Plate.	1 per 2.7 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*
W-103.	Min. 15/32-inch APA rated CDX plywood	(Optional) One or more layers Sopra-G or MODIFIED SOPRA-G, loose laid	(Optional) One or more layers, any combination, loose laid	Min 1.5-inch ACfoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #12 Fastener or SOPREMA #12 DP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.6 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-67.5
W-104.	Min. 15/32-inch APA rated CDX plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #12 Fastener or SOPREMA #12 DP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.6 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-67.5
W-105.	Min. 15/32-inch APA rated BCX plywood	(Optional) One or more layers Sopra-G or MODIFIED SOPRA-G, loose laid	(Optional) One or more layers, any combination, loose laid	Min 2-inch ACfoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast Versa-Fast Plate with minimum two (2) Trufast #14 HD or SOPREMA #14 MP Fastener installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-67.5



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
 Revision 3: 2025-04-07
 Page 47 of 185

SOPREMA, Inc.
 FL3915-R39



NEMO|cert.

**TABLE 9D: 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)	SLIP SHEET	BASE INSULATION LAYER(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
				TYPE	FASTENER (3.1.1, 4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
W-106.	Min. 15/32-inch APA rated BCX plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners, Trufast #14 HD or SOPREMA #14 MP Fasteners installed 180° into the holes of the Versa-Fast Plate	1 per 1.8 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-67.5
W-107.	Min. 19/32-inch APA rated CDX plywood	(Optional) One or more layers Sopra-G or MODIFIED SOPRA-G, loose laid	(Optional) One or more layers, any combination, loose laid	Min 2-inch ACfoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast Versa-Fast Plate with minimum one (1) SOPREMA #14 MP Fastener or Trufast #14 HD installed into the center hole of the Versa-Fast Plate	1 per 1.8 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-67.5
W-108.	Min. 19/32-inch APA rated CDX plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast Versa-Fast Plate with minimum one (1) SOPREMA #14 MP Fastener or Trufast #14 HD installed into the center hole of the Versa-Fast Plate	1 per 1.8 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-67.5



**TABLE 9E: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED SOPRAFIFX, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	SLIP SHEET	BASE INSULATION LAYER(s) (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
				TYPE (3.1.4.B)	FASTENER (3.1.1, 4.2.2)	SPACING	PLY	CAP	
WITH FASTENER AND STRESS PLATE:									
W-109.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	Any combination, prelim attach	SOPRAFIFX Base 622	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	18-inch o.c. within the 4-inch wide, heat-welded side laps	None	SBS-CA3, SBS-CA4	-37.5*
W-110.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	Any combination, prelim attach	SOPRAFIFX Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	18-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-37.5*
W-111.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	Any combination, prelim attach	SOPRAFIFX Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	18-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-37.5*
W-112.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	Any combination, prelim attach	SOPRAFIFX Base 622. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	18-inch o.c. within the 4-inch wide, heat-welded side laps	SOPRALENE Flam Stick, self-adhering	SBS-TAF	-37.5*
W-113.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	Any combination, prelim attach	SOPRAFIFX Base 622. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	18-inch o.c. within the 4-inch wide, heat-welded side laps	ELASTOPHENE Stick or SOPRALENE Stick, self-adhering. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA1	-37.5*
W-114.	Min. 15/32-inch APA rated CDX plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	Any combination, prelim attach	SOPRAFIFX Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within the 4-inch wide, heat-welded side laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0*
W-115.	Min. 15/32-inch APA rated CDX plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	Any combination, prelim attach	SOPRAFIFX Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within the 4-inch wide, heat-welded side laps	(Optional) SBS-TAF	SBS-TAF	-45.0*
W-116.	Min. 15/32-inch APA rated CDX plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	Any combination, prelim attach	SOPRAFIFX Base 622. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within the 4-inch wide, heat-welded side laps	SOPRALENE Flam Stick, self-adhering	SBS-TAF	-45.0*



**TABLE 9E: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED SOPRAFIF, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	SLIP SHEET	BASE INSULATION LAYER(s) (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
				TYPE (3.1.4.B)	FASTENER (3.1.1, 4.2.2)	SPACING	PLY	CAP	
W-117.	Min. 15/32-inch APA rated CDX plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	Any combination, prelim attach	SOPRAFIF Base 622. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within the 4-inch wide, heat-welded side laps	ELASTOPHENE Stick or SOPRALENE Stick, self-adhering. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA1	-45.0*
W-118.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	(Optional) Any combination, prelim attach	SOPRASmart Board 180 Sanded, SOPRASmart ISO HD 180 Sanded, SOPRASmart XP HD 180 Sanded or SOPRASmart XP ISO 180 Sanded	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. at the marked fastening line, sealed with the heat-welded, overlapping membrane from subsequent course	None	SBS-CA3 or SBS-CA4	-45.0
W-119.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	(Optional) Any combination, prelim attach	SOPRASmart Board 180, SOPRASmart ISO HD 180, SOPRASmart XP HD 180, SOPRASmart XP ISO 180	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. at the marked fastening line, sealed with the heat-welded, overlapping membrane from subsequent course	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3 or SBS-CA4	-45.0
W-120.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	(Optional) Any combination, prelim attach	SOPRASmart Board 180, SOPRASmart ISO HD 180, SOPRASmart XP HD 180, SOPRASmart XP ISO 180	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. at the marked fastening line, sealed with the heat-welded, overlapping membrane from subsequent course	(Optional) SBS-TAF	SBS-TAF	-45.0
W-121.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	(Optional) Any combination, prelim attach	SOPRASmart Board 180 Sanded, SOPRASmart ISO HD 180 Sanded, SOPRASmart XP HD 180 Sanded or SOPRASmart XP ISO 180 Sanded. Top surface primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. at the marked fastening line, sealed with the heat-welded, overlapping membrane from subsequent course	(Optional) SBS-SA1	SBS-SA1 or SBS-TAF	-45.0
W-122.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	Any combination, prelim attach	SOPRAFIF Base 622	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within the 4-inch wide, heat-welded side laps	None	SBS-CA3, SBS-CA4	-52.5
W-123.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	Any combination, prelim attach	SOPRAFIF Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within the 4-inch wide, heat-welded side laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-52.5



**TABLE 9E: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED SOPRAFIF, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	SLIP SHEET	BASE INSULATION LAYER(s) (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
				TYPE (3.1.4.B)	FASTENER (3.1.1, 4.2.2)	SPACING	PLY	CAP	
W-124.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	Any combination, prelim attach	SOPRAFIF Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within the 4-inch wide, heat-welded side laps	(Optional) SBS-TAF	SBS-TAF	-52.5
W-125.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	Any combination, prelim attach	SOPRAFIF Base 622	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. within the 4-inch wide, heat-welded side laps	None	SBS-CA3, SBS-CA4	-82.5
W-126.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	Any combination, prelim attach	SOPRAFIF Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. within the 4-inch wide, heat-welded side laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-82.5
W-127.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	Any combination, prelim attach	SOPRAFIF Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. within the 4-inch wide, heat-welded side laps	(Optional) SBS-TAF	SBS-TAF	-82.5
W-128.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	(Optional) Any combination, prelim attach	SOPRASmart Board 180 Sanded, SOPRASmart ISO HD 180 Sanded, SOPRASmart XP HD 180 Sanded or SOPRASmart XP ISO 180 Sanded	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. at the marked fastening line, sealed with the heat-welded, overlapping membrane from subsequent course	None	SBS-CA3 or SBS-CA4	-52.5
W-129.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	(Optional) Any combination, prelim attach	SOPRASmart Board 180, SOPRASmart ISO HD 180, SOPRASmart XP HD 180, SOPRASmart XP ISO 180	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. at the marked fastening line, sealed with the heat-welded, overlapping membrane from subsequent course	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-52.5
W-130.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	(Optional) Any combination, prelim attach	SOPRASmart Board 180, SOPRASmart ISO HD 180, SOPRASmart XP HD 180, SOPRASmart XP ISO 180	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. at the marked fastening line, sealed with the heat-welded, overlapping membrane from subsequent course	(Optional) SBS-TAF	SBS-TAF	-52.5
W-131.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	(Optional) Any combination, prelim attach	SOPRASmart Board 180 Sanded, SOPRASmart ISO HD 180 Sanded, SOPRASmart XP HD 180 Sanded or SOPRASmart XP ISO 180 Sanded. Top surface primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. at the marked fastening line, sealed with the heat-welded, overlapping membrane from subsequent course	(Optional) SBS-SA1	SBS-SA1 or SBS-TAF	-52.5



NEMO|cert.

**TABLE 9E: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED SOPRAFIX, BONDED ROOF COVER**

SYSTEM NO.	DECK (4.1.2)	SLIP SHEET	BASE INSULATION LAYER(S) (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
				TYPE (3.1.4.B)	FASTENER (3.1.1, 4.2.2)	SPACING	PLY	CAP	
WITH FASTENER AND BATTEN BARS OR BATTEN STRIPS:									
W-132.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	Any combination, prelim attach	SOPRAFIX Base 622	OMG Large Head #15 Roofgrip with Polymer Batten Strip or SOPREMA #15 EL with SOPRAFIX MBB or MBB-R	6-inch o.c. within 5-inch wide, heat-welded laps.	None	SBS-CA4	-90.0
W-133.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	Any combination, prelim attach	SOPRAFIX Base 614	OMG Large Head #15 Roofgrip with Polymer Batten Strip or SOPREMA #15 EL with SOPRAFIX MBB or MBB-R	6-inch o.c. within 5-inch wide, heat-welded laps.	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA4	-90.0
W-134.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	Any combination, prelim attach	SOPRAFIX Base 614	OMG Large Head #15 Roofgrip with Polymer Batten Strip or SOPREMA #15 EL with SOPRAFIX MBB or MBB-R	6-inch o.c. within 5-inch wide, heat-welded laps.	(Optional) SBS-TAF	SBS-TAF	-90.0

**TABLE 9F: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

SYSTEM NO.	DECK (4.1.2)	BASE SHEET			ROOF COVER (3.1.4)		MDP (PSF)
		BASE	FASTENER (3.1.1, 4.2.2)	SPACING	BASE PLY	CAP	
HOT OR TORCH-APPLIED BASE PLY:							
W-135.	Min. 19/32-inch APA rated CDX plywood	One or two layers MODIFIED SOPRA G, SOPRABASE S	12 ga. annular ring shank nails with min. 3/8" diameter head through min. 32 ga., 1-5/8" diameter "tin caps"	6-inch o.c. at 4-inch wide side laps and 6-inch o.c. at three (3) equally spaced rows in the center of the sheet	BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-60.0
ELASTOPHENE ULTRA-STICK OR SOPRALENE ULTRA-STICK BASE PLY:							
W-136.	Min. 19/32-inch APA rated CDX plywood	ULTRA-STICK NAIL BASE	12 ga. annular ring shank nails with min. 3/8" diameter head through min. 32 ga., 1-5/8" diameter "tin caps"	6-inch o.c. at 4-inch wide side laps and 6-inch o.c. at three (3) equally spaced rows in the center of the sheet	SBS-SA2	SBS-SA2	-67.5

**TABLE 9G: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED SOPRAFIX, BONDED ROOF COVER**

SYSTEM NO.	DECK (4.1.2)	SLIP SHEET	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			TYPE (3.1.4.B)	FASTENER (3.1.1, 4.2.2)	SPACING	PLY	CAP	
WITH FASTENER AND STRESS PLATE:								
W-137.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	SOPRAFIX Base 622	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	18-inch o.c. within the 4-inch wide, heat-welded side laps	None	SBS-CA3, SBS-CA4	-37.5*
W-138.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRA G, loose laid	SOPRAFIX Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	18-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-37.5*



NEMO|cert.

**TABLE 9G: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED SOPRAFX, BONDED ROOF COVER**

SYSTEM NO.	DECK (4.1.2)	SLIP SHEET	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (psf)
			TYPE (3.1.4.B)	FASTENER (3.1.1, 4.2.2)	SPACING	PLY	CAP	
W-139.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	SOPRAFX Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	18-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-37.5*
W-140.	Min. 15/32-inch APA rated CDX plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	SOPRAFX Base 622	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within the 4-inch wide, heat-welded side laps	None	SBS-CA3, SBS-CA4	-45.0*
W-141.	Min. 15/32-inch APA rated CDX plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	SOPRAFX Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within the 4-inch wide, heat-welded side laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0*
W-142.	Min. 15/32-inch APA rated CDX plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	SOPRAFX Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within the 4-inch wide, heat-welded side laps	(Optional) SBS-TAF	SBS-TAF	-45.0*
W-143.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	SOPRAFX Base 622	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within the 4-inch wide, heat-welded side laps	None	SBS-CA3, SBS-CA4	-52.5
W-144.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	SOPRAFX Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within the 4-inch wide, heat-welded side laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-52.5
W-145.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	SOPRAFX Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within the 4-inch wide, heat-welded side laps	(Optional) SBS-TAF	SBS-TAF	-52.5
W-146.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	SOPRAFX Base 622	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. within the 4-inch wide, heat-welded side laps	None	SBS-CA3, SBS-CA4	-82.5
W-147.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	SOPRAFX Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. within the 4-inch wide, heat-welded side laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-82.5
W-148.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	SOPRAFX Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. within the 4-inch wide, heat-welded side laps	(Optional) SBS-TAF	SBS-TAF	-82.5
WITH FASTENER AND BATTEN BARS OR BATTEN STRIPS:								
W-149.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	SOPRAFX Base 622	OMG Large Head #15 Roofgrip with Polymer Batten Strip or SOPREMA #15 EL with SOPRAFX MBB or MBB-R	6-inch o.c. within 5-inch wide, heat-welded laps.	None	SBS-CA4	-90.0
W-150.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	SOPRAFX Base 614	OMG Large Head #15 Roofgrip with Polymer Batten Strip or SOPREMA #15 EL with SOPRAFX MBB or MBB-R	6-inch o.c. within 5-inch wide, heat-welded laps.	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA4	-90.0
W-151.	Min. 19/32-inch plywood	(Optional) One or more layers MODIFIED SOPRAG, loose laid	SOPRAFX Base 614	OMG Large Head #15 Roofgrip with Polymer Batten Strip or SOPREMA #15 EL with SOPRAFX MBB or MBB-R	6-inch o.c. within 5-inch wide, heat-welded laps.	(Optional) SBS-TAF	SBS-TAF	-90.0



NEMO|cert.

TABLE 9H: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)					
SYSTEM TYPE F: NON-INSULATED, BONDED BASE MEMBRANE, BONDED ROOF COVER					
SYSTEM No.	Deck (4.1.2)	ROOF COVER (3.1.4)			MDP (PSF)
		BASE	PLY	CAP	
W-152.	Min. 19/32-inch plywood	SBS-CA2, 12-inch o.c.	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-97.5

TABLE 10A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
 REFER TO [TABLE VB-2](#) FOR THERMAL BARRIER / VAPOR BARRIER COMBINATION OPTIONS

SYSTEM No.	DECK (4.1.2)	THERMAL BARRIER		BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)			MDP (PSF)*
		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
COLD APPLIED BASE PLY:											
SC-1.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, ribbons 12" o.c. (on every-other deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3, Ultra-Max, Insulfoam IX or SOPRA-XPS	DUOTACK 365	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.125-inch SOPRABOARD, 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	DUOTACK 365	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-45.0*
SC-2.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Multi-Max FA3	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.125-inch SOPRABOARD	DUOTACK	SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-52.5
SC-3.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Multi-Max FA3	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by SOPRASMART Board 180 Sanded	DUOTACK	(Optional) SBS-CA4	None	SBS-CA3, SBS-CA4	-52.5
SC-4.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Multi-Max FA3	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.125-inch SOPRABOARD	DUOTACK	SBS-CA3	(Optional) SBS-CA3, SBS-TAF	SBS-CA3, SBS-TAF	-60.0
SC-5.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Multi-Max FA3	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by SOPRASMART Board 180 Sanded	DUOTACK	(Optional) SBS-CA3	None	SBS-CA3, SBS-TAF	-60.0



**TABLE 10A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

REFER TO [TABLE VB-2](#) FOR THERMAL BARRIER / VAPOR BARRIER COMBINATION OPTIONS

SYSTEM No.	DECK (4.1.2)	THERMAL BARRIER		BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)			MDP (Psf)*
		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-6.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.25-inch SOPRABOARD	DUOTACK	SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-82.5
SC-7.	22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board followed by SBS-TAF (sand-surfaced)	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG, SOPRA-XPS or Insulfoam VIII	DUOTACK 365	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.125-inch SOPRABOARD	DUOTACK 365	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-82.5
SC-8.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-82.5
SC-9.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK	SBS-CA3	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-82.5
SC-10.	22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	None	N/A	None	N/A	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-82.5
SC-11.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.5-inch SECUROCK Gypsum Fiber Roof Board	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-90.0
SC-12.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.5-inch DensDeck Prime	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-97.5
SC-13.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.5-inch DEXcell FA Glass Mat Roof Board	DUOTACK	SBS-CA4	None	SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	-97.5



**TABLE 10A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

REFER TO [TABLE VB-2](#) FOR THERMAL BARRIER / VAPOR BARRIER COMBINATION OPTIONS

SYSTEM No.	DECK (4.1.2)	THERMAL BARRIER		BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)			MDP (PSF)*
		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-14.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Min. 0.25-inch SOPRABOARD	DUOTACK 365, 6-inch o.c.	SBS-CA3	None	SBS-CA3	-97.5
SC-15.	22 ga., Type B, Grade 50 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365 or DUOTACK SPF, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365 or DUOTACK SPF, ribbons 6" o.c.	Min. 0.25-in. DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365 or DUOTACK SPF, ribbons 6" o.c.	SBS-CA4	None	SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	-120.0
SC-16.	22 ga., Type B, Grade 50 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	None	N/A	None	N/A	SBS-CA4	None	SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	-120.0
SC-17.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO (on every-other deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK SPF HFO	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-52.5
SC-18.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO, ribbons 12" o.c. (on every-other deck flange)	Min. 1.5-inch ACFoam II, H-Shield CG, Ultra-Max, Insulfoam IX Roofing EPS or SOPRA-XPS	DUOTACK SPF HFO	Min. 0.25-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-75.0
SC-19.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO, ribbons 6" o.c. (on each deck flange)	Min. 1.5-inch ACFoam II, H-Shield CG, Ultra-Max, Insulfoam IX Roofing EPS or SOPRA-XPS	DUOTACK SPF HFO, ribbons 6" o.c.	Min. 0.25-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO, ribbons 6" o.c.	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	-97.5



**TABLE 10A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

REFER TO [TABLE VB-2](#) FOR THERMAL BARRIER / VAPOR BARRIER COMBINATION OPTIONS

SYSTEM No.	DECK (4.1.2)	THERMAL BARRIER		BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)			MDP (PSF)*
		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-20.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO, ribbons 6" o.c. (on each deck flange)	Min. 1.5-inch ACFoam II, H-Shield CG, Ultra-Max, Insulfoam IX Roofing EPS or SOPRA-XPS	DUOTACK SPF HFO, ribbons 6" o.c.	Min. 0.25-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO, ribbons 6" o.c.	SBS-CA4	None	SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	-120.0
HOT OR TORCH APPLIED BASE PLY:											
SC-21.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, ribbons 12" o.c. (on every-other deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3, Ultra-Max, Insulfoam IX or SOPRA-XPS	DUOTACK 365	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.125-inch SOPRABOARD, 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	DUOTACK 365	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-45.0*
SC-22.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.125-inch SOPRABOARD	DUOTACK	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-52.5
SC-23.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Multi-Max FA3	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by SOPRASMART Board 180 Sanded	DUOTACK	(Optional) BP-AA, SBS-AA	None	SBS-AA	-52.5
SC-24.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.25-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board	DUOTACK	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-82.5
SC-25.	22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board followed by SBS-TAF (sand-surfaced)	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield CG, SOPRA-XPS or Insulfoam VIII	DUOTACK 365	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.125-inch SOPRABOARD	DUOTACK 365	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-82.5



**TABLE 10A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

REFER TO [TABLE VB-2](#) FOR THERMAL BARRIER / VAPOR BARRIER COMBINATION OPTIONS

SYSTEM No.	DECK (4.1.2)	THERMAL BARRIER		BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)			MDP (PSF)*
		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-26.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-97.5
SC-27.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Min. 0.25-inch SOPRABOARD	DUOTACK 365, 6-inch o.c.	SBS-AA, SBS-TAF	(Optional) SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-97.5
SC-28.	22 ga., Type B, Grade 50 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365 or DUOTACK SPF, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365 or DUOTACK SPF, ribbons 6" o.c.	Min. 0.25-in. DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365 or DUOTACK SPF, ribbons 6" o.c.	SBS-AA, SBS-TAF	(Optional) SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-120.0
SC-29.	22 ga., Type B, Grade 50 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	None	N/A	None	N/A	SBS-AA, SBS-TAF	(Optional) SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-127.5
SC-30.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO, ribbons 12" o.c. (on every-other deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK SPF HFO	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-52.5
SC-31.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO, ribbons 12" o.c. (on every-other deck flange)	Min. 1.5-inch ACFoam II, H-Shield CG, Ultra-Max, Insulfoam IX Roofing EPS or SOPRA-XPS	DUOTACK SPF HFO	Min. 0.25-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-75.0
SC-32.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO, ribbons 6" o.c. (on each deck flange)	Min. 1.5-inch ACFoam II, H-Shield CG, Ultra-Max, Insulfoam IX Roofing EPS or SOPRA-XPS	DUOTACK SPF HFO, ribbons 6" o.c.	Min. 0.25-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO, ribbons 6" o.c.	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-127.5



**TABLE 10A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

REFER TO [TABLE VB-2](#) FOR THERMAL BARRIER / VAPOR BARRIER COMBINATION OPTIONS

SYSTEM No.	DECK (4.1.2)	THERMAL BARRIER		BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)			MDP (PSF)*
		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:											
SC-33.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, ribbons 12" o.c. (on every-other deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3, Ultra-Max, Insulfoam IX or SOPRA-XPS	DUOTACK 365	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK 365	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-45.0*
SC-34.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, ribbons 12" o.c. (on every-other deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3, Ultra-Max, Insulfoam IX or SOPRA-XPS	DUOTACK 365	Additional optional layer(s), min. 1.5-inch base insulation followed by 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. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK 365	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-45.0*
SC-35.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Multi-Max FA3	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-60.0
SC-36.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Multi-Max FA3	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-60.0
SC-37.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.25-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-82.5



**TABLE 10A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

REFER TO [TABLE VB-2](#) FOR THERMAL BARRIER / VAPOR BARRIER COMBINATION OPTIONS

SYSTEM No.	DECK (4.1.2)	THERMAL BARRIER		BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)			MDP (PSF)*
		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-38.	22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board followed by SBS-TAF (sand-surfaced)	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG, SOPRA-XPS or Insulfoam VIII	DUOTACK 365	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK 365	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-82.5
SC-39.	22 ga., Type B, Grade 50 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365 or DUOTACK SPF, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3, Ultra-Max or SOPRA-XPS	DUOTACK 365 or DUOTACK SPF, ribbons 6" o.c.	Min. 0.25-in. DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK 365 or DUOTACK SPF, ribbons 6" o.c.	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-120.0
SC-40.	22 ga., Type B, Grade 50 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	None	N/A	None	N/A	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-127.5
SC-41.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO, ribbons 12" o.c. (on every-other deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK SPF HFO	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-52.5
SC-42.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO, ribbons 12" o.c. (on every-other deck flange)	Min. 1.5-inch ACFoam II, H-Shield CG, Ultra-Max, Insulfoam IX Roofing EPS or SOPRA-XPS	DUOTACK SPF HFO	Min. 0.25-inch SOPRABOARD or DensDeck Prime. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-75.0



**TABLE 10A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

REFER TO [TABLE VB-2](#) FOR THERMAL BARRIER / VAPOR BARRIER COMBINATION OPTIONS

SYSTEM No.	DECK (4.1.2)	THERMAL BARRIER		BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)			MDP (PSF)*
		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-43.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO, ribbons 12" o.c. (on every-other deck flange)	Min. 1.5-inch ACFoam II, H-Shield CG, Ultra-Max, Insulfoam IX Roofing EPS or SOPRA-XPS	DUOTACK SPF HFO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-75.0
SC-44.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO, ribbons 6" o.c. (on each deck flange)	Min. 1.5-inch ACFoam II, H-Shield CG, Ultra-Max, Insulfoam IX Roofing EPS or SOPRA-XPS	DUOTACK SPF HFO, ribbons 6" o.c.	Min. 0.25-inch SOPRABOARD or DensDeck Prime. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO, ribbons 6" o.c.	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-127.5
SC-45.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO, ribbons 6" o.c. (on each deck flange)	Min. 1.5-inch ACFoam II, H-Shield CG, Ultra-Max, Insulfoam IX Roofing EPS or SOPRA-XPS	DUOTACK SPF HFO, ribbons 6" o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO, ribbons 6" o.c.	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-127.5
ELASTOPHENE ULTRA-STICK OR SOPRALENE ULTRA-STICK BASE PLY:											
SC-46.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365, ribbons 12" o.c. (on every-other deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield CG, Multi-Max FA3, Ultra-Max, Insulfoam IX or SOPRA-XPS	DUOTACK 365	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.125-inch SOPRABOARD, 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. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK 365	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*



**TABLE 10A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

REFER TO [TABLE VB-2](#) FOR THERMAL BARRIER / VAPOR BARRIER COMBINATION OPTIONS

SYSTEM No.	DECK (4.1.2)	THERMAL BARRIER		BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)			MDP (PSF)*
		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-47.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Multi-Max FA3	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-52.5
SC-48.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.25-inch SOPRABOARD or DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-82.5
SC-49.	22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board followed by SBS-TAF (sand-surfaced)	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG, SOPRA-XPS or Insulfoam VIII	DUOTACK 365	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK 365	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-82.5
SC-50.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch H-Shield CG	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation. Top surface shall be primed with ELASTOCOL Stick or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-97.5
SC-51.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	TO DECK: DUOTACK 365, ribbons 6" o.c. (on each deck flange) TO THERMAL BARRIER: DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-97.5
SC-52.	22 ga., Type B, Grade 50 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK 365 or DUOTACK SPF, ribbons 6" o.c. (on each deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3, Ultra-Max or SOPRA-XPS	DUOTACK 365 or DUOTACK SPF, ribbons 6" o.c.	Min. 0.25-in. DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK 365 or DUOTACK SPF, ribbons 6" o.c.	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-120.0



**TABLE 10A: STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER***

REFER TO [TABLE VB-2](#) FOR THERMAL BARRIER / VAPOR BARRIER COMBINATION OPTIONS

SYSTEM No.	DECK (4.1.2)	THERMAL BARRIER		BASE INSULATION LAYER		TOP INSULATION LAYER(S)		ROOF COVER (3.1.4)			MDP (psf)*
		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-53.	22 ga., Type B, Grade 50 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK 365, ribbons 6" o.c. (on each deck flange)	None	N/A	None	N/A	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-127.5
SC-54.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO, ribbons 12" o.c. (on every-other deck flange)	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK SPF HFO	Additional optional layer(s), min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	SBS-SA2	-52.5
SC-55.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO, ribbons 12" o.c. (on every-other deck flange)	Min. 1.5-inch ACFoam II, H-Shield CG, Ultra-Max, Insulfoam IX Roofing EPS or SOPRA-XPS	DUOTACK SPF HFO	Min. 0.25-inch SOPRABOARD, DensDeck Prime or DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-75.0
SC-56.	22 ga., Type B, Grade 40 steel	(Optional) Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO, ribbons 6" o.c. (on each deck flange)	Min. 1.5-inch ACFoam II, H-Shield CG, Ultra-Max, Insulfoam IX Roofing EPS or SOPRA-XPS	DUOTACK SPF HFO, ribbons 6" o.c.	Min. 0.25-inch SOPRABOARD, DensDeck Prime or DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO, ribbons 6" o.c.	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-127.5



**TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

SYSTEM No.	Deck (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
COLD APPLIED BASE PLY:										
SC-57.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II or H-Shield	3.1.1	1 per 2.0 ft ²	Min. 1.4-inch ACFoam II or H-Shield	hot asphalt	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-30.0*
SC-58.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II or H-Shield	3.1.1	1 per 2.0 ft ²	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating	hot asphalt	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-45.0*
SC-59.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II or H-Shield	3.1.1	1 per 2.0 ft ²	Min. 1.4-inch ACFoam II or H-Shield	DUOTACK	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-30.0*
SC-60.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	Insulation: (Optional) additional layer(s), min. 1-inch base insulation Coverboard: 0.5-in. Blue Ridge Structodek HD with Primed Red Coating	DUOTACK	SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-45.0*
SC-61.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-45.0*
SC-62.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	SOPRASMART Board 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-45.0*
SC-63.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	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	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4SBS-CA3, SBS-CA4	-45.0*



**TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-64.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max; followed by Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-45.0*
SC-65.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max; followed by SOPRASMART Board 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-45.0*
SC-66.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max; followed by 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	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4SBS-CA3, SBS-CA4	-45.0*
SC-67.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Insulation: (Optional) additional layer(s), min. 1-inch base insulation Coverboard: 0.5-in. Blue Ridge Structodek HD with Primed Red Coating	DUOTACK	SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-45.0*
SC-68.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-45.0*
SC-69.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	SOPRASMART Board 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-45.0*



**TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-70.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 4.0 ft ²	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	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4SBS-CA3, SBS-CA4	-45.0*
SC-71.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.8 ft ²	Additional layer(s) base insulation followed by min. 0.125-inch SOPRABOARD	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-52.5
SC-72.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.8 ft ²	Additional layer(s) base insulation followed by SOPRASMART Board 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-52.5
SC-73.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch SOPRABOARD	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA4 or SBS-CA3	-82.5
SC-74.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, mechanically attached, and followed by SBS-TAF (sand-surfaced)	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 2.0 ft ²	INSULATION: Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG, SOPRA-XPS or Insulfoam VIII followed by COVERBOARD: min. 0.125-inch SOPRABOARD.	DUOTACK 365	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA4 or SBS-CA3	-82.5
SC-75.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.6 ft ²	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	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-82.5



**TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-76.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	Min 2-inch H-Shield	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.0 ft ²	Min. 0.25-inch SOPRABOARD	DUOTACK 365, 6-inch o.c.	SBS-CA3	None	SBS-CA3	-135.0
SC-77.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II	3.1.1	1 per 2.0 ft ²	Min. 1.4-inch ACFoam II	DUOTACK SPF HFO	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-30.0*
SC-78.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3 or SBS-CA4	-45.0*
SC-79.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3 or SBS-CA4	-45.0*
SC-80.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch SOPRABOARD or DEXcell FA Glass Mat Roof Board	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-75.0
SC-81.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-82.5



**TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

SYSTEM No.	Deck (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-82.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	Min. 2-inch ACFoam II	SOPREMA #14 Fastener, #14 MP Fastener, #15-EL Fastener or #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-CA4	None	SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	-105.0
SC-83.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	Min. 2-inch ACFoam II	SOPREMA #14 Fastener, #14 MP Fastener, #15-EL Fastener or #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.0 ft ²	Min. 0.25-inch SOPRABOARD, DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO, 6" o.c.	SBS-CA4	None	SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	-105.0
SC-84.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	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	Trufast RA	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4SBS-CA3, SBS-CA4	-45.0*
SC-85.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max; followed by 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	Trufast RA	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4SBS-CA3, SBS-CA4	-45.0*
SC-86.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	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	Trufast RA	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4SBS-CA3, SBS-CA4	-45.0*
HOT OR TORCH APPLIED BASE PLY:										
SC-87.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II or H-Shield	3.1.1	1 per 2.0 ft ²	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating or Min. 0.75-inch Fesco Board (homogeneous).	hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*



**TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

SYSTEM No.	Deck (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-88.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II or H-Shield	3.1.1	1 per 2.0 ft ²	Min. 0.125-inch SOPRABOARD, Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	hot asphalt	BP-AA, SBS-AA, SBS-TAP, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-89.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II or H-Shield	3.1.1	1 per 4.0 ft ²	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating or min. 0.75-inch Fesco Board (homogeneous)	hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-90.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II or H-Shield	3.1.1	1 per 4.0 ft ²	Min. 0.125-inch SOPRABOARD, Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	hot asphalt	BP-AA, SBS-AA, SBS-TAP, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-91.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II or H-Shield	3.1.1	1 per 2.0 ft ²	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating	hot asphalt	BP-AA or SBS-AA	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-45.0*
SC-92.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II or ENRGY 3	3.1.1	1 per 2.0 ft ²	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-TAP or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-60.0
SC-93.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II or ENRGY 3	3.1.1	1 per 2.0 ft ²	Min. 0.5-inch DensDeck Prime	hot asphalt	SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-60.0
SC-94.	22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II or ENRGY 3	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate or OMG #14 Roofgrip with Accutrac Flat Bottom Plate	1 per 1.45 ft ²	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating	hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-60.0
SC-95.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 2-inch H-Shield	3.1.1	1 per 1.8 ft ²	Min. 0.75-inch JM Fesco Board	hot asphalt	BP-AA	BP-AA	SBS-CA4, SBS-AA or SBS-TAF	-67.5
SC-96.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	Min. 0.125-inch SOPRABOARD, 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	DUOTACK	BP-AA, SBS-AA, SBS-TAP, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*



**TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-97.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 2.0 ft ²	SOPRASMART Board 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAP, SBS-TAF	None	SBS-AA or SBS-TAF	-45.0*
SC-98.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 4.0 ft ²	Min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max; followed by min. 0.125-inch SOPRABOARD, 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	DUOTACK	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-99.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 4.0 ft ²	Min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max; followed by SOPRASMART Board 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAP, SBS-TAF	None	SBS-AA or SBS-TAF	-45.0*
SC-100.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 4.0 ft ²	Min. 0.125-inch SOPRABOARD, 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	DUOTACK	BP-AA, SBS-AA, SBS-TAP, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-101.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 4.0 ft ²	SOPRASMART Board 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAP, SBS-TAF	None	SBS-AA or SBS-TAF	-45.0*
SC-102.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II or H-Shield	3.1.1	1 per 2.0 ft ²	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating	DUOTACK	BP-AA or SBS-AA	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-45.0*



TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-103.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.8 ft ²	Additional layer(s) base insulation followed by min. 0.125-inch SOPRABOARD	DUOTACK	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-52.5
SC-104.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.8 ft ²	Additional layer(s) base insulation followed by SOPRASMART Board 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-52.5
SC-105.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II or ENRGY 3	3.1.1	1 per 2.0 ft ²	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-TAP or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-60.0
SC-106.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-82.5
SC-107.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, mechanically attached, and followed by SBS-TAF (sand-surfaced)	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 2.0 ft ²	INSULATION: Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG, SOPRA-XPS or Insulfoam VIII followed by COVERBOARD: min. 0.125-inch SOPRABOARD.	DUOTACK 365	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-82.5
SC-108.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	Min 2-inch H-Shield	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.0 ft ²	Min. 0.25-inch SOPRABOARD	DUOTACK 365, 6-inch o.c.	SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-135.0



TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-109.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA, SBS-TAP, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-110.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 4.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA, SBS-TAP, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-111.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II	3.1.1	1 per 2.0 ft ²	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-TAP or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-60.0
SC-112.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch SOPRABOARD or DEXcell FA Glass Mat Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-75.0
SC-113.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-82.5
SC-114.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	Min. 2-inch ACFoam II	SOPREMA #14 Fastener, #14 MP Fastener, #15-EL Fastener or #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-AA, SBS-TAF	(Optional) SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-105.0



**TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-115.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	Min. 2-inch AC Foam II	SOPREMA #14 Fastener, #14 MP Fastener, #15-EL Fastener or #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.0 ft ²	Min. 0.25-inch SOPRABOARD, DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO, 6" o.c.	SBS-AA, SBS-TAF	(Optional) SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-105.0
SC-116.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch AC Foam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	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	Trufast RA	BP-AA, SBS-AA, SBS-TAP, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-117.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 1-inch AC Foam II, AC Foam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max; followed by 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	Trufast RA	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-118.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch AC Foam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	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	Trufast RA	BP-AA, SBS-AA, SBS-TAP, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:										
SC-119.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 2-inch AC Foam II or ENRGY 3	3.1.1	1 per 2.0 ft ²	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-SA1	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-60.0
SC-120.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or Min 1.5-inch AC Foam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	Min. 1.5-inch AC Foam II, AC Foam III, ENRGY 3 or Multi-Max FA3. Top surface shall be <i>mist-primed</i> with <i>ELASTOCOL Stick</i> , <i>ELASTOCOL Stick Zero</i> or <i>ELASTOCOL Stick LVOC</i>	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4 or SBS-SA1	SBS-CA3, SBS-CA4 or SBS-SA1	-45.0*



**TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-121.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	Min. 0.125-inch SOPRABOARD primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-122.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-45.0*
SC-123.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	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. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-124.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max; followed by Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-125.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max; followed by 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. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-126.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 0.125-inch SOPRABOARD primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*



NEMO|cert.

TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-127.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-45.0*
SC-128.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	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. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-129.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.8 ft ²	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-SA1, SBS-TAF	-52.5
SC-130.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.8 ft ²	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-52.5
SC-131.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II or ENRGY 3	3.1.1	1 per 2.0 ft ²	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA1	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-60.0
SC-132.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch SOPRABOARD primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-82.5



**TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-133.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, mechanically attached, and followed by SBS-TAF (sand-surfaced)	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	INSULATION: Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG, SOPRA-XPS or Insulfoam VIII followed by COVERBOARD: min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK 365	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-82.5
SC-134.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-82.5
SC-135.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	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. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-82.5
SC-136.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min 1.5-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	Min. 0.5-inch ACFoam II. Top surface shall be <i>mist-primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC</i>	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-CA3, SBS-CA4 or SBS-SA1	SBS-CA3, SBS-CA4 or SBS-SA1	-45.0*
SC-137.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-138.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*



**TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-139.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 2-inch ACFoam II	3.1.1	1 per 2.0 ft ²	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-60.0
SC-140.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-75.0
SC-141.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-75.0
SC-142.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-82.5
SC-143.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	Min. 2-inch ACFoam II	SOPREMA #14 Fastener, #14 MP Fastener, #15-EL Fastener or #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-105.0
SC-144.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	Min. 2-inch ACFoam II	SOPREMA #14 Fastener, #14 MP Fastener, #15-EL Fastener or #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.0 ft ²	Min. 0.25-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO, 6" o.c.	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-105.0



**TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-145.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	Min. 2-inch ACFoam II	SOPREMA #14 Fastener, #14 MP Fastener, #15-EL Fastener or #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.0 ft ²	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO, 6" o.c.	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-105.0
SC-146.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	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. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	Trufast RA	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-147.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max; followed by 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. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	Trufast RA	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-148.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	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. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast RA	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
ELASTOPHENE ULTRA-STICK OR SOPRALENE ULTRA-STICK BASE PLY:										
SC-149.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	Min. 0.125-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*



**TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-150.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 1-inch ACfoam II, ACfoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max; followed by Min. 0.125-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*
SC-151.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACfoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 0.125-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*
SC-152.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACfoam II, ACfoam III, H-Shield or H-Shield CG	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.8 ft ²	Min. 0.125-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-52.5
SC-153.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACfoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.8 ft ²	Min. 0.25-inch SOPRABOARD, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-67.5
SC-154.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACfoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch SOPRABOARD, Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-82.5
SC-155.	Min. 22 ga., Type B, Grade 40 steel	Min. 0.5-inch DEXcell FA Glass Mat Roof Board, mechanically attached, and followed by SBS-TAF (sand-surfaced)	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	INSULATION: Min. 2-inch ACfoam II, ACfoam III, H-Shield or H-Shield CG, SOPRA-XPS or Insulfoam VIII followed by COVERBOARD: min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK 365	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-82.5



**TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-156.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*
SC-157.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*
SC-158.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	Min. 1.5-inch ACFoam II or H-Shield CG	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.8 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-52.5
SC-159.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.8 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board, min. 7/16-inch DEXcell Cement Roof Board or min. 0.5-inch SECUROCK Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-67.5
SC-160.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 0.25-inch SOPRABOARD or DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-75.0
SC-161.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield CG or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK SPF HFO	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-82.5



**TABLE 10B: STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

SYSTEM No.	Deck (4.1.2)	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
SC-162.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	Min. 2-inch ACFoam II	SOPREMA #14 Fastener, #14 MP Fastener, #15-EL Fastener or #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.0 ft ²	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-105.0
SC-163.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	Min. 2-inch ACFoam II	SOPREMA #14 Fastener, #14 MP Fastener, #15-EL Fastener or #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.0 ft ²	Min. 0.25-inch SOPRABOARD or DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO, 6" o.c.	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-105.0
SC-164.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 1.5-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	Trufast RA	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*
SC-165.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max; followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	Trufast RA	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*
SC-166.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min 2-inch ACFoam II, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	Trufast RA	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*



**TABLE 10C: 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(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
COLD APPLIED BASE PLY:									
SC-167.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	3.1.1	1 per 2.6 ft ²	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-30.0*
SC-168.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.6 ft ²	SBS-CA3	None	SBS-CA3	-30.0*
SC-169.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ACFoam II or H-Shield	3.1.1	1 per 2.0 ft ²	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-30.0*
SC-170.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	SBS-CA3	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-37.5*
SC-171.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers min. 1.5-inch ACFoam II or H-Shield, loose laid	Min. 0.125-inch SOPRABOARD	3.1.1	1 per 4.0 ft ²	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-45.0*
SC-172.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, min. 1-inch, loose laid	Min. 0.25-in. DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board, optionally primed with ELASTOCOL 500	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-45.0*
SC-173.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch SOPRABOARD	3.1.1	1 per 3.2 ft ²	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-45.0*
SC-174.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD	3.1.1	1 per 2.3 ft ²	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-45.0*
SC-175.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.8 ft ²	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-45.0



TABLE 10C: 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(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
SC-176.	Min. 22 ga., Type B, Grade 80 steel	One or more layers, any combination, loose laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-45.0
SC-177.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.25-inch DensDeck Prime	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.8 ft ²	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-52.5
SC-178.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch SOPRABOARD	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-CA3	(Optional) SBS-CA3, SBS-TAF	SBS-CA3, SBS-TAF	-60.0
SC-179.	Min. 22 ga., Type B, Grade 80 steel	One or more layers, any combination, loose laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.3 ft ²	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-60.0
SC-180.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.5-inch DensDeck Prime	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.8 ft ²	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-67.5
SC-181.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.5-inch DensDeck Prime	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-75.0



**TABLE 10C: 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(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
SC-182.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.25-inch SOPRABOARD	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.3 ft ²	SBS-CA3	(Optional) SBS-CA3, SBS-TAF	SBS-CA3, SBS-TAF	-82.5
SC-183.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.125-inch SOPRABOARD	SOPREMA #15 HD Fastener with SOPREMA 3” Metal Insulation Plate	1 per 1.0 ft ²	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-82.5
SC-184.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.5-inch DensDeck Prime	3.1.1	1 per 1.0 ft ²	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-82.5
SC-185.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.3 ft ²	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-90.0
SC-186.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	One or more layers, min. 2-inch, any combination, loose laid	Min. 0.25-inch SOPRABOARD	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.0 ft ²	SBS-CA3	(Optional) SBS-CA3, SBS-TAF	SBS-CA3, SBS-TAF	-120.0
SC-187.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.5-inch DensDeck Prime	3.1.1	1 per 1.0 ft ²	SBS-CA3	None	SBS-CA3	-127.5
HOT OR TORCH APPLIED BASE PLY:									
SC-188.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck or DensDeck Prime	3.1.1	1 per 2.6 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-30.0*
SC-189.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating	3.1.1	1 per 2.0 ft ²	BP-AA or SBS-AA	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-30.0*
SC-190.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 4.0 ft ²	SBS-TAP	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-37.5*



TABLE 10C: 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(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
SC-191.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD	3.1.1	1 per 2.3 ft ²	SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-37.5*
SC-192.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	SBS-AA, SBS-TAF	(Optional) SBS-AA, SBS-CA3, SBS-CA4, SBS-SA1, SBS-TAF	SBS-AA, SBS-CA3, SBS-CA4, SBS-SA1, SBS-TAF	-37.5*
SC-193.	Min. 22 ga., Type B, Grade 33 steel	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.5-inch DensDeck Prime	3.1.1	1 per 4.0 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-45.0*
SC-194.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	OMG HD with 3 in. Galvalume Steel Plate	1 per 4.0 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-45.0*
SC-195.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 4.0 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-196.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board, optionally primed with ELASTOCOL 500	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-197.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD	3.1.1	1 per 4.0 ft ²	BP-AA, SBS-AA, SBS-AA2 or SBS-TAF	(Optional) SBS-AA, SBS-AA2 or SBS-TAF	SBS-AA, SBS-AA2 or SBS-TAF	-45.0*
SC-198.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min 0.375-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 2.7 ft ²	SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-199.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck	3.1.1	1 per 2.0 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-45.0*



**TABLE 10C: 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(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
SC-200.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck. Top surface shall be primed with ELASTOCOL Stick	3.1.1	1 per 2.0 ft ²	SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-201.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD	3.1.1	1 per 2.0 ft ²	SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-AA2, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-AA2, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-202.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-203.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.8 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0
SC-204.	Min. 22 ga., Type B, Grade 80 steel	One or more layers, any combination, loose laid	Min. 0.5-inch DEXCell FA Glass Mat Roof Board	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0
SC-205.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating	3.1.1	1 per 1.3 ft ²	BP-AA or SBS-AA	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-45.0*
SC-206.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.8 ft ²	SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-52.5
SC-207.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.25-inch DensDeck Prime	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.8 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-52.5



**TABLE 10C: 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(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
SC-208.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	One or more layers, any combination, min. 1-inch, loose laid	Min. 7/16-inch DEXcell Cement Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.7 ft ²	SBS-AA	(Optional) SBS-AA	SBS-AA or SBS-AA2	-52.5
SC-209.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD	3.1.1	1 per 2.0 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-60.0
SC-210.	Min. 22 ga., Type B, Grade 80 steel	One or more layers, any combination, loose laid	Min. 0.5-inch DEXCell FA Glass Mat Roof Board	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-60.0
SC-211.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.8 ft ²	BP-AA or SBS-AA	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-60.0
SC-212.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.5-inch DensDeck Prime	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.8 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-67.5
SC-213.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD	3.1.1	1 per 2.0 ft ²	SBS-AA or SBS-TAF (D6164 only)	(Optional) BP-AA, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-67.5
SC-214.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.5-inch DensDeck Prime	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.6 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-75.0
SC-215.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.3 ft ²	SBS-TAF	(Optional) SBS-AA, SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1, SBS-TAF	-75.0



**TABLE 10c: 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(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
SC-216.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 200 psi, Min. 2-inch cellular lightweight concrete	Min. 0.125-inch SOPRABOARD	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.3 ft ²	SBS-TAF	(Optional) SBS-TAF	SBS-TAF	-82.5
SC-217.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.5-inch DensDeck Prime	3.1.1	1 per 1.0 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-82.5
SC-218.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-90.0
SC-219.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.3 ft ²	SBS-AA (sand surfaced); primed	None	SBS-SA1	-90.0
SC-220.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	One or more layers, any combination, min. 1-inch, loose laid	Min. 7/16-inch DEXcell Cement Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.3 ft ²	SBS-AA	(Optional) SBS-AA	SBS-AA or SBS-AA2	-105.0
SC-221.	Min. 22 ga., Type B, Grade 40 steel or structural concrete	One or more layers, min. 2-inch, any combination, loose laid	Min. 0.25-inch SOPRABOARD	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.0 ft ²	SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-120.0
SC-222.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.5-inch DensDeck Prime	3.1.1	1 per 1.0 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-127.5



**TABLE 10C: 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(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
SC-223.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	One or more layers, min. 2-inch, any combination, loose laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.0 ft ²	SBS-TAF	(Optional) SBS-TAF	SBS-TAF	-142.5
SC-224.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 MP or #15 HD Fastener with SOPREMA 3" Metal Insulation Plate	1 per 1.3 ft ²	BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-157.5
SC-225.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	SOPREMA #14 MP or #15 HD Fastener with SOPREMA 3" Metal Insulation Plate	1 per 1.0 ft ²	BP-AA, SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-172.5
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:									
SC-226.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 3.2 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-30.0*
SC-227.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck primed with D41 primer, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC or DensDeck Prime	3.1.1	1 per 2.6 ft ²	SBS-SA1	(Optional) SBS-CA4, SBS-AA or SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-30.0*
SC-228.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL 500, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	3.1.1	1 per 2.3 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-37.5*
SC-229.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1, SBS-TAF	SBS-AA, SBS-CA3, SBS-CA4, SBS-SA1, SBS-TAF	-37.5*
SC-230.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*



**TABLE 10C: 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(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
SC-231.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board. Top surface primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-232.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min 0.375-inch SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with D41, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	3.1.1	1 per 2.7 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-233.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ACFoam III, H-Shield CG or Ultra-Max	3.1.1	1 per 2.0 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-234.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ACFoam II or H-Shield <i>mist-primed with ELASTOCOL 500, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC</i>	3.1.1	1 per 2.0 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-235.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck primed with D41 primer, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC or DensDeck Prime	3.1.1	1 per 2.0 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-AA, SBS-CA4, SBS-SA1 or SBS-TAF	-45.0*
SC-236.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL 500, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	3.1.1	1 per 2.0 ft ²	SBS-SA1	(Optional) SBS-CA4, SBS-AA or SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-45.0*
SC-237.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.8 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1, SBS-TAF	SBS-AA, SBS-CA3, SBS-CA4, SBS-SA1, SBS-TAF	-45.0
SC-238.	Min. 22 ga., Type B, Grade 80 steel	One or more layers, any combination, loose laid	Min. 0.5-inch DEXCell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1, SBS-TAF	SBS-AA, SBS-CA3, SBS-CA4, SBS-SA1, SBS-TAF	-45.0



**TABLE 10C: 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(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
SC-239.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, min. 1.5-inch, any combination, loose laid	Min. 0.25-inch DensDeck Prime	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.8 ft ²	SBS-SA1	(Optional) SBS-CA4, SBS-AA or SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-52.5
SC-240.	Min. 22 ga., Type B, Grade 80 steel or structural concrete	One or more layers, min. 1.4-inch, any combination, loose laid	Min. 0.25-inch DensDeck primed with D41 primer, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC or DensDeck Prime	OMG #14 Roofgrip with Flat Bottom Plate (Accutrac)	1 per 1.8 ft ²	SBS-SA1	(Optional) SBS-CA4, SBS-AA or SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-60.0
SC-241.	Min. 22 ga., Type B, Grade 80 steel	One or more layers, any combination, loose laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.3 ft ²	SBS-SA1	(Optional) SBS-AA, SBS-CA4, SBS-SA1, SBS-TAF	SBS-AA, SBS-CA3, SBS-CA4, SBS-SA1, SBS-TAF	-60.0
ELASTOPHENE ULTRA-STICK OR SOPRALENE ULTRA-STICK BASE PLY:									
SC-242.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-37.5*
SC-243.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	3.1.1	1 per 2.3 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-37.5*
SC-244.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ACfoam II, ACfoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 4.0 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*
SC-245.	Min. 22 ga. Type B, Grade 33 steel or structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ACfoam II, ACfoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*
SC-246.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	3.1.1	1 per 2.0 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0*



**TABLE 10C: 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(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	FASTENER (4.2.2)	ATTACH (3.1.2E)	BASE	PLY	CAP	
SC-247.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination, loose laid	Min. 0.25-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.8 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0
SC-248.	Min. 22 ga., Type B, Grade 80 steel	One or more layers, any combination, loose laid	Min. 0.5-inch DEXCell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 2.0 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0
SC-249.	Min. 22 ga., Type B, Grade 80 steel	One or more layers, any combination, loose laid	Min. 0.5-inch DEXCell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPREMA #15-EL Fastener or SOPREMA #15 HD Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 1.3 ft ²	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-60.0



**TABLE 10D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED SOPRAFIF, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	INSULATION LAYER(S) (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			TYPE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
WITH FASTENER AND STRESS PLATE:								
SC-250.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 622	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	18-inch o.c. within 4-inch wide, heat-welded side laps	None	SBS-CA3, SBS-CA4	-45.0*
SC-251.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	18-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0*
SC-252.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	18-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-45.0*
SC-253.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate, SOPRAFIF 2-3/8" SB Stress Plate or SOPREMA 2.4" Seam Plate	18-inch o.c. within 5-inch wide, heat-welded side laps	(Optional) SBS-TAF	SBS-SA1	-45.0*
SC-254.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 622. Top surface primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate, SOPREMA 2" Seam Plate, SOPRAFIF 2-3/8" SB Stress Plate or SOPREMA 2.4" Seam Plate	18-inch o.c. within 5-inch wide, heat-welded side laps	None	SBS-SA1	-45.0*
SC-255.	Min. 22 ga., Type B, Grade 40 steel	(Optional) Any type, thickness or combination, loose-laid	SOPRASMART Board 180 Sanded, SOPRASMART ISO HD 180 Sanded, SOPRASMART XP HD 180 Sanded or SOPRASMART XP ISO 180 Sanded	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. at the marked fastening line, sealed with the heat-welded, overlapping membrane from subsequent course	None	SBS-CA3, SBS-CA4	-52.5*
SC-256.	Min. 22 ga., Type B, Grade 40 steel	(Optional) Any type, thickness or combination, loose-laid	SOPRASMART Board 180 Sanded, SOPRASMART ISO HD 180 Sanded, SOPRASMART XP HD 180 Sanded or SOPRASMART XP ISO 180 Sanded	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. at the marked fastening line, sealed with the heat-welded, overlapping membrane from subsequent course	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-52.5*
SC-257.	Min. 22 ga., Type B, Grade 40 steel	(Optional) Any type, thickness or combination, loose-laid	SOPRASMART Board 180 Sanded, SOPRASMART ISO HD 180 Sanded, SOPRASMART XP HD 180 Sanded or SOPRASMART XP ISO 180 Sanded	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. at the marked fastening line, sealed with the heat-welded, overlapping membrane from subsequent course	(Optional) SBS-TAF	SBS-TAF	-52.5*



**TABLE 10D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED SOPRAFIFX, BONDED ROOF COVER**

SYSTEM No.	Deck (4.1.2)	INSULATION LAYER(S) (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			TYPE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
SC-258.	Min. 22 ga., Type B, Grade 40 steel	(Optional) Any type, thickness or combination, loose-laid	SOPRASMART Board 180 Sanded, SOPRASMART ISO HD 180 Sanded, SOPRASMART XP HD 180 Sanded or SOPRASMART XP ISO 180 Sanded. Top surface primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. at the marked fastening line, sealed with the heat-welded, overlapping membrane from subsequent course	(Optional) SBS-SA1	SBS-SA1 or SBS-TAF	-52.5*
SC-259.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate, SOPREMA 2" Seam Plate, SOPRAFIFX 2-3/8" SB Stress Plate or SOPREMA 2.4" Seam Plate	12-inch o.c. within 5-inch wide, heat-welded side laps	(Optional) SBS-TAF	SBS-SA1	-60.0
SC-260.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 622. Top surface primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate, SOPREMA 2" Seam Plate, SOPRAFIFX 2-3/8" SB Stress Plate or SOPREMA 2.4" Seam Plate	12-inch o.c. within 5-inch wide, heat-welded side laps	None	SBS-SA1	-60.0
SC-261.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 622	SOPREMA #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-67.5
SC-262.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-67.5
SC-263.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-67.5
SC-264.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 622	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-67.5
SC-265.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-67.5
SC-266.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-67.5



**TABLE 10D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED SOPRAFIFX, BONDED ROOF COVER**

SYSTEM No.	Deck (4.1.2)	INSULATION LAYER(S) (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			TYPE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
SC-267.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 622	SOPREMA #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-75.0
SC-268.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-75.0
SC-269.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-75.0
SC-270.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIFX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-75.0
SC-271.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIFX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-75.0
SC-272.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 622	SOPREMA #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	None	SBS-CA4	-97.5
SC-273.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 614	SOPREMA #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA4	-97.5
SC-274.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 614	SOPREMA #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-97.5
SC-275.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 622	SOPREMA #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2 in. SB Stress Plate, SOPREMA 2" Seam Plate, SOPRAFIFX 2-3/8 in. SB Stress Plate, SOPREMA 2.4" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	None	SBS-CA4	-112.5
SC-276.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2 in. SB Stress Plate, SOPREMA 2" Seam Plate, SOPRAFIFX 2-3/8 in. SB Stress Plate, SOPREMA 2.4" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA4	-112.5



**TABLE 10D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED SOPRAFIFX, BONDED ROOF COVER**

SYSTEM No.	Deck (4.1.2)	INSULATION LAYER(S) (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			TYPE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
SC-277.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2 in. SB Stress Plate, SOPREMA 2" Seam Plate, SOPRAFIFX 2-3/8 in. SB Stress Plate, SOPREMA 2.4" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-112.5
SC-278.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 622	SOPREMA #14 Fastener, #14 MP Fastener, #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	None	SBS-CA4	-120.0
SC-279.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #14 Fastener, #14 MP Fastener, #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA4	-120.0
SC-280.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #14 Fastener, #14 MP Fastener, #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-120.0
SC-281.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIFX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-135.0
SC-282.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-142.5
SC-283.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 614	SOPREMA #15-EL Fastener or #15 HD Fastener with SOPRAFIFX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-202.5
WITH FASTENER AND BATTEN BARS OR BATTEN STRIPS:								
SC-284.	Min. 22 ga., Type B, Grade 33 steel.	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 622	SOPREMA #14 MP with SOPRAFIFX MBB, MBB-R or PBB	18-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-45.0*
SC-285.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 614	SOPREMA #14 MP with SOPRAFIFX MBB, MBB-R or PBB	18-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0*
SC-286.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 614	SOPREMA #14 MP with SOPRAFIFX MBB, MBB-R or PBB	18-inch o.c. within 5-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-45.0*



**TABLE 10D: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED SOPRAFIF, BONDED ROOF COVER**

SYSTEM No.	Deck (4.1.2)	INSULATION LAYER(S) (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			TYPE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
SC-287.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 612 or 614	SOPREMA #14 MP with SOPRAFIF MBB, MBB-R or PBB	18-inch o.c. within 5-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-SA1	-45.0*
SC-288.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 622. Top surface primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	SOPREMA #14 MP with SOPRAFIF MBB, MBB-R or PBB	18-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-SA1	-45.0*
SC-289.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 622	OMG #15 Roofgrip Large Head with Polymer Batten Strip or SOPREMA #14 with SOPRAFIF MBB or MBB-R	12-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-75.0
SC-290.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 612	SOPREMA #14 MP with SOPRAFIF MBB or MBB-R	12-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-75.0
SC-291.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 612	SOPREMA #14 MP with SOPRAFIF MBB or MBB-R	12-inch o.c. within 5-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-75.0
SC-292.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 622	OMG #15 Roofgrip Large Head with Polymer Batten Strip or SOPREMA #14 with SOPRAFIF MBB or MBB-R	12-inch o.c. within 4-inch wide, heat-welded laps	None	SBS-CA4	-105.0
SC-293.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 614	OMG #15 Roofgrip Large Head with Polymer Batten Strip or SOPREMA #14 with SOPRAFIF MBB or MBB-R	12-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA4	-105.0
SC-294.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 614	OMG #15 Roofgrip Large Head with Polymer Batten Strip or SOPREMA #14 with SOPRAFIF MBB or MBB-R	12-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-105.0
SC-295.	Min. 22 ga., Type B, Grade 33 steel	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat	SOPRAFIF Base 612 or 614	SOPREMA #15 EL with SOPRAFIF MBB	Lap Row: Alternate spacing 6-inch, 12-inch, 6-inch, 12-inch, 6-inch, and so on within the 5-inch heat-welded laps. Center Row: 12-inch o.c. in one center row	(Optional) SBS-TAF	SBS-TAF	-150.0



**TABLE 10E: STEEL DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE D-3: INSULATED, BONDED & MECHANICALLY ATTACHED BASE MEMBRANE, BONDED ROOF COVER**

SYSTEM NO.	DECK (4.1.2)	BASE INSULATION LAYER(S) (3.1.2)	COVERBOARD			BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			TYPE	FASTEN	ATTACH	TYPE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
SC-296.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch ACFoam II, ENRGY 3 or H-Shield, loose-laid	Min. 0.25-inch SOPRABOARD	3.1.1	1 per 4.0 ft ²	SOPRAFIX Base 614 torch applied with 6-inch laps then mechanically fastened	SOPREMA #15-EL Fastener and SOPRAFIX 2-3/8 in. SB Stress Plate	12-inch o.c. in rows 12-inch apart	SBS-TAF	SBS-TAF	-112.5
SC-297.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch ACFoam II, ENRGY 3 or H-Shield, loose-laid	Min. 0.25-inch SOPRABOARD	3.1.1	1 per 4.0 ft ²	SOPRAFIX Base 614 torch applied with 6-inch laps then mechanically fastened	SOPREMA #15-EL Fastener and SOPRAFIX 2-3/8 in. SB Stress Plate	6-inch o.c. in rows 18-inch apart	SBS-TAF	SBS-TAF	-157.5
SC-298.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch ACFoam II, ENRGY 3 or H-Shield, loose-laid	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell Glass Mat Roof Board, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 4.0 ft ²	SELECT SBS POLY FLAM, SOPRALENE Flam 180, SOPRALENE Flam 250, SOPRAFIX Base 612 or SOPRAFIX Base 614 torch applied with 3-inch laps then mechanically fastened	SOPREMA #14 or #15-EL with SOPRAFIX 2 in. SB or SOPRAFIX 2-3/8 in SB Stress Plate	12-inch o.c. atop the laps and 12-inch o.c. in two, equally spaced, staggered center rows	SBS-TAF	SBS-AA or SBS-TAF	-165.0
SC-299.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch ACFoam II, ENRGY 3 or H-Shield, loose-laid	Min. 0.5-inch DensDeck, DensDeck Prime, DEXcell Glass Mat Roof Board, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	3.1.1	1 per 4.0 ft ²	SOPRALENE 180 SP 3.0, SOPRALENE 180 SP 3.5 or SOPRAFIX Base 622 torch applied with 3-inch laps then mechanically fastened	SOPREMA #14 or #15-EL with SOPRAFIX 2 in. SB or SOPRAFIX 2-3/8 in SB Stress Plate	12-inch o.c. atop the laps and 12-inch o.c. in two, equally spaced, staggered center rows	BP-AA or SBS-AA	SBS-AA or SBS-TAF	-165.0



TABLE 11A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO [TABLE VB-3](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (4.1.2)	PRIME	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	CAP	
COLD APPLIED BASE PLY:										
C-1.	Structural Concrete	D41	Min. 1.5-inch ACFoam II, ENRGY 3 or H-Shield	hot asphalt	Min. 0.125-inch SOPRABOARD	hot asphalt	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-105.0
C-2.	Structural Concrete	D41	Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.5-inch 0.5-in. Blue Ridge Structodek HD with Primed Red Coating	hot asphalt	SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-150.0
C-3.	Structural Concrete	D41	Min. 1.5-inch ACFoam II, ENRGY 3 or H-Shield	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-227.5
C-4.	Structural Concrete	D41	Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-CA3	(Optional) SBS-CA3	SBS-CA3	-337.5
C-5.	Structural Concrete	None	Min. 0.25-inch SOPRABOARD	COLPLY EF Adhesive, 6-inch o.c.	None	N/A	SBS-CA3	SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-337.5
C-6.	Structural Concrete	None	Min. 0.25-inch SOPRABOARD	COLPLY EF Adhesive, 6-inch o.c.	None	N/A	SBS-CA3	None	SBS-CA3, SBS-CA4	-382.5
C-7.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-337.5
C-8.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-382.5
C-9.	Structural Concrete	None	(Optional) Min. 0.5-inch ACFoam II, ACFoam II, ACFoam III, H-Shield, H-Shield CG	DUOTACK 365	Min. 0.125-inch SOPRABOARD	DUOTACK 365	SBS-CA3, SBS-CA4	(Optional) SBS-CA3	SBS-CA3, SBS-CA4	-455.0
C-10.	Structural Concrete	None	Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART XP HD 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-52.5
C-11.	Structural Concrete	None	Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART ISO HD 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-307.5
C-12.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART Board 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-382.5



**TABLE 11A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-3](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (4.1.2)	PRIME	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	CAP	
C-13.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-190.0
C-14.	Structural Concrete	None	(Optional) One or more layer(s), min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3, Ultra-Max or SOPRA-XPS	DUOTACK, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK, 6-inch o.c.	SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-227.5
C-15.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK, 6-inch o.c.	SBS-CA3	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-285.0
C-16.	Structural Concrete	None	(Optional) One or more layer(s), min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3, Ultra-Max or SOPRA-XPS	DUOTACK	0.5-in. Blue Ridge Structodek HD with Primed Red Coating	DUOTACK	SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-187.5
C-17.	Structural Concrete	None	(Optional) One or more layer(s), min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3, Ultra-Max or SOPRA-XPS	DUOTACK, 6-inch o.c.	0.5-in. Blue Ridge Structodek HD with Primed Red Coating	DUOTACK, 6-inch o.c.	SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-227.5
C-18.	Structural Concrete	None	Min. 1.5-inch, min. 1.25 pcf Atlas ThermalStar	DUOTACK	Min. 0.5-inch DensDeck Prime	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-150.0
C-19.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch DensDeck Prime	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-315.0
C-20.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK	SBS-CA3	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-120.0
C-21.	Structural Concrete	None	(Optional) One or more layer(s), min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3, Ultra-Max or SOPRA-XPS	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK	SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-187.5
C-22.	Structural Concrete	None	(Optional) One or more layer(s), min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3, Ultra-Max or SOPRA-XPS	DUOTACK, 6-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 6-inch o.c.	SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-227.5
C-23.	Structural Concrete	None	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-152.5



**TABLE 11A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-3](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (4.1.2)	PRIME	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	CAP	
C-24.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-315.0
C-25.	Structural Concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	None	N/A	SBS-CA3	(Optional) SBS-CA3	SBS-CA3	-337.5
C-26.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Ultra-Max	DUOTACK SPF	Min. 0.125-inch SOPRABOARD	DUOTACK SPF	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-277.5
C-27.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Ultra-Max	DUOTACK SPF	SOPRASMART Board 180 Sanded	DUOTACK SPF	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-277.5
C-28.	Structural Concrete	None	Min. 1.5-inch, min. 1.5 pcf Insulfoam II Roofing EPS	DUOTACK SPF HFO	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	DUOTACK SPF HFO	SBS-CA3	(Optional) SBS-CA3	SBS-CA3	-180.0
C-29.	Structural Concrete	None	(Optional) Min. 0.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-190.0
C-30.	Structural Concrete	None	Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-CA3	(Optional) SBS-CA3	SBS-CA3	-240.0
C-31.	Structural Concrete	None	Min. 0.5-inch ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-270.0
C-32.	Structural Concrete	None	(Optional) Min. 0.5-inch ACFoam II	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-315.0
C-33.	Structural Concrete	None	(Optional) Min. 0.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG	DUOTACK SPF HFO	Min. 0.125-inch SOPRABOARD	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA3	SBS-CA3, SBS-CA4	-455.0
C-34.	Structural Concrete	None	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK SPF HFO	None	N/A	SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-337.5
C-35.	Structural Concrete	None	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK SPF HFO	None	N/A	SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-382.5
C-36.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA	Min. 7/16-inch DEXcell Cement Roof Board	Trufast RA	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-190.0



**TABLE 11A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-3](#) FOR VAPOR BARRIER OPTIONS

SYSTEM NO.	DECK (4.1.2)	PRIME	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	CAP	
C-37.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA, 4-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	Trufast RA, 4-inch o.c.	SBS-CA3	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-285.0
C-38.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA	Min. 0.25-inch DensDeck Prime	Trufast RA	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-195.0
C-39.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	Trufast RA	SBS-CA3	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-120.0
C-40.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	Trufast RA	SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-187.5
C-41.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA, 4-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	Trufast RA, 4-inch o.c.	SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-227.5
C-42.	Structural Concrete	None	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	Trufast RA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Trufast RA	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-152.5
C-43.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA	Min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	Trufast RA	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-195.0
HOT OR TORCH APPLIED BASE PLY:										
C-44.	Structural Concrete	D41	Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.125-inch SOPRABOARD	hot asphalt	SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-155.0
C-45.	Structural Concrete	D41	Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.125-inch SOPRABOARD	hot asphalt	SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-155.0
C-46.	Structural Concrete	D41	Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.125-inch SOPRABOARD	hot asphalt	SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-277.5
C-47.	Structural Concrete	D41	Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.125-inch SOPRABOARD	hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-CA4, SBS-AA or SBS-TAF	-365.0
C-48.	Structural Concrete	D41	Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.125-inch SOPRABOARD	hot asphalt	SBS-AA	(Optional) SBS-AA or SBS-TAF	SBS-CA3	-365.0



**TABLE 11A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-3](#) FOR VAPOR BARRIER OPTIONS

SYSTEM NO.	DECK (4.1.2)	PRIME	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	CAP	
C-49.	Structural Concrete	D41	(Optional) Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating	hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-150.0
C-50.	Structural Concrete	D41	(Optional) Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch DensDeck	hot asphalt	SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-187.5
C-51.	Structural Concrete	D41	(Optional) Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch DensDeck	hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-452.5
C-52.	Structural Concrete	D41	(Optional) Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-TAF	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-SA1	-247.5
C-53.	Structural Concrete	D41	(Optional) Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-375.0
C-54.	Structural Concrete	D41	(Optional) Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-CA3, SBS-CA4	-382.5
C-55.	Structural Concrete	D41	(Optional) Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-397.5
C-56.	Structural Concrete	D41	(Optional) Min. 1.4-inch ACFoam II, ENRGY 3 or H-Shield	hot asphalt	Min. 0.75-inch Fesco Board (homogeneous)	hot asphalt	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-420.0
C-57.	Structural Concrete	None	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-152.5
C-58.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-TAP	(Optional) BP-AA, SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-150.0
C-59.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-382.5



**TABLE 11A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-3](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (4.1.2)	PRIME	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	CAP	
C-60.	Structural Concrete	None	(Optional) Min. 0.5-inch ACFoam II, ACFoam II, ACFoam III, H-Shield, H-Shield CG	DUOTACK 365	Min. 0.125-inch SOPRABOARD	DUOTACK 365	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-455.0
C-61.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART XP HD 180 Sanded (for AA Base or Cap Ply) or SOPRASMART XP HD 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) SBS-TAP, SBS-TAF	None	SBS-AA or SBS-TAF	-52.5
C-62.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART Board 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) SBS-TAP	None	SBS-AA or SBS-TAF	-150.0
C-63.	Structural Concrete	None	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	SOPRASMART Board 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) SBS-TAP, SBS-TAF	None	SBS-AA or SBS-TAF	-152.5
C-64.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART ISO HD 180 Sanded (for AA Base or Cap Ply) or SOPRASMART ISO HD 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-307.5
C-65.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART Board 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-382.5
C-66.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	SBS-AA, SBS-TAF	(Optional) SBS-CA3, SBS-CA4, SBS-SA1	SBS-CA3, SBS-CA4, SBS-SA1	-285.0
C-67.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-367.5
C-68.	Structural Concrete	None	(Optional) One or more layer(s), min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3, Ultra-Max or SOPRA-XPS	DUOTACK	0.5-in. Blue Ridge Structodek HD with Primed Red Coating	DUOTACK	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-187.5
C-69.	Structural Concrete	None	(Optional) One or more layer(s), min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3, Ultra-Max or SOPRA-XPS	DUOTACK, 6-inch o.c.	0.5-in. Blue Ridge Structodek HD with Primed Red Coating	DUOTACK, 6-inch o.c.	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-227.5



**TABLE 11A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-3](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (4.1.2)	PRIME	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	CAP	
C-70.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch DensDeck	DUOTACK	SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-187.5
C-71.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch DensDeck	DUOTACK	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-232.5
C-72.	Structural Concrete	None	Min. 1.5-inch, min. 1.25 pcf Atlas ThermalStar	DUOTACK	Min. 0.5-inch DensDeck Prime	DUOTACK	SBS-TAF	SBS-TAF	SBS-TAF	-257.5
C-73.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch DensDeck Prime	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-315.0
C-74.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch DensDeck Prime primed with DETEC “TruGround Conductive Primer”	DUOTACK	SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-315.0
C-75.	Structural Concrete	None	(Optional) One or more layer(s), min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3, Ultra-Max or SOPRA-XPS	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-187.5
C-76.	Structural Concrete	None	(Optional) One or more layer(s), min. 1-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3, Ultra-Max or SOPRA-XPS	DUOTACK, 6-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 6-inch o.c.	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-227.5
C-77.	Structural Concrete	None	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-152.5
C-78.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-315.0
C-79.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Ultra-Max	DUOTACK SPF	Min. 0.125-inch SOPRABOARD	DUOTACK SPF	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-277.5
C-80.	Structural Concrete	None	Min. 1.5-inch, min. 1.5 pcf Insulfoam II Roofing EPS	DUOTACK SPF HFO	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	DUOTACK SPF HFO	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-180.0



**TABLE 11A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-3](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (4.1.2)	PRIME	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	CAP	
C-81.	Structural Concrete	None	Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	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	DUOTACK SPF HFO	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-240.0
C-82.	Structural Concrete	None	Min. 0.5-inch ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	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	DUOTACK SPF HFO	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-270.0
C-83.	Structural Concrete	None	(Optional) Min. 0.5-inch ACFoam II	DUOTACK SPF HFO	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	DUOTACK SPF HFO	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-315.0
C-84.	Structural Concrete	None	Min. 0.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK SPF HFO	Min. 0.125-inch SOPRABOARD	DUOTACK SPF HFO	SBS-AA or SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-455.0
C-85.	Structural Concrete	None	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK SPF HFO	None	N/A	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-592.5
C-86.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA	Min. 7/16-inch DEXcell Cement Roof Board	Trufast RA	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-195.0
C-87.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA	Min. 0.25-inch DensDeck Prime	Trufast RA	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-195.0
C-88.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	Trufast RA	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-187.5
C-89.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA, 4-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	Trufast RA, 4-inch o.c.	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-227.5
C-90.	Structural Concrete	None	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	Trufast RA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Trufast RA	SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-152.5



NEMO|cert.

TABLE 11A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER

REFER TO [TABLE VB-3](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (4.1.2)	PRIME	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	CAP	
C-91.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA	Min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	Trufast RA	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-195.0
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:										
C-92.	Structural Concrete	D41	Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3.	hot asphalt	(Optional) Additional layers of base insulation	hot asphalt	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-155.0
C-93.	Structural Concrete	D41	(Optional) One or more layers min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3.	hot asphalt	Min. 0.125-inch SOPRABOARD	hot asphalt	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-155.0
C-94.	Structural Concrete	D41	(Optional) One or more layers min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3.	hot asphalt	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	hot asphalt	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-155.0
C-95.	Structural Concrete	D41	(Optional) Min. 2-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-172.5
C-96.	Structural Concrete	None	Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3.	DUOTACK	(Optional) Additional layers of base insulation	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-150.0
C-97.	Structural Concrete	None	Min. 1.4-inch ACFoam II or H-Shield	DUOTACK	(Optional) Additional layers of base insulation	DUOTACK	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-225.0
C-98.	Structural Concrete	None	One or more layers min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-152.5
C-99.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-150.0



**TABLE 11A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-3](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (4.1.2)	PRIME	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	CAP	
C-100.	Structural Concrete	None	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK, 6-inch o.c.	Min. 0.125-inch SOPRABOARD	DUOTACK, 6-inch o.c.	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-215.0
C-101.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-AA or SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA or SBS-SA1	-270.0
C-102.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-382.5
C-103.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-150.0
C-104.	Structural Concrete	None	One or more layers min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1	-152.5
C-105.	Structural Concrete	None	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK, 6-inch o.c.	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 6-inch o.c.	(Optional) SBS-SA1	None	SBS-SA1	-215.0
C-106.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-270.0
C-107.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-190.0
C-108.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 6-inch o.c.	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-285.0



**TABLE 11A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-3](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (4.1.2)	PRIME	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	CAP	
C-109.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch DensDeck Prime. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-315.0
C-110.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-CA3, SBS-CA4, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-120.0
C-111.	Structural Concrete	None	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-152.5
C-112.	Structural Concrete	None	(Optional) Min. 2-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-172.5
C-113.	Structural Concrete	None	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK, 6-inch o.c.	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-215.0
C-114.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch SECUROCK Gypsum Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-315.0
C-115.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Ultra-Max	DUOTACK SPF	Min. 0.125-inch SOPRABOARD	DUOTACK SPF	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-277.5
C-116.	Structural Concrete	None	Min. 1.5-inch, min. 1.5 pcf Insulfoam II Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-180.0
C-117.	Structural Concrete	None	Min. 1.5-inch, min. 1.5 pcf Insulfoam II Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-180.0



**TABLE 11A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-3](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (4.1.2)	PRIME	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	CAP	
C-118.	Structural Concrete	None	(Optional) Min. 0.5-inch ACFoam II, Min. 1.5-inch ACFoam III, H-Shield, H-Shield CG or Ultra-Max or Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-190.0
C-119.	Structural Concrete	None	(Optional) Min. 0.5-inch ACFoam II, Min. 1.5-inch ACFoam III, H-Shield, H-Shield CG or Ultra-Max or Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-215.0
C-120.	Structural Concrete	None	Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-240.0
C-121.	Structural Concrete	None	Min. 0.5-inch ACFoam III, H-Shield, H-Shield CG or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-270.0
C-122.	Structural Concrete	None	Min. 0.25-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	None	N/A	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-285.0
C-123.	Structural Concrete	None	(Optional) Min. 0.5-inch ACFoam II	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-315.0
C-124.	Structural Concrete	None	Min. 0.25-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	None	N/A	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-382.5
C-125.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA	Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast RA	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-190.0



**TABLE 11A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-3](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (4.1.2)	PRIME	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	CAP	
C-126.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA, 4-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast RA, 4-inch o.c.	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-285.0
C-127.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA	Min. 0.25-inch DensDeck Prime. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast RA	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-195.0
C-128.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast RA	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-120.0
C-129.	Structural Concrete	None	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	Trufast RA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Trufast RA	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-152.5
C-130.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Trufast RA	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-172.5
C-131.	Structural Concrete	None	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	Trufast RA, 4-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Trufast RA, 4-inch o.c.	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-215.0
C-132.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA	Min. 0.25-inch SECUROCK Gypsum Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast RA	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-195.0
ELASTOPHENE ULTRA-STICK OR SOPRALENE ULTRA-STICK BASE PLY:										
C-133.	Structural Concrete	None	Min. 2-inch H-Shield CG	DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation. Top surface shall be primed with ELASTOCOL Stick or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-97.5
C-134.	Structural Concrete	None	Min. 2-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Additional optional layer(s), min. 1.5-inch base insulation. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-97.5



**TABLE 11A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-3](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (4.1.2)	PRIME	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	CAP	
C-135.	Structural Concrete	None	One or more layers min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-152.5
C-136.	Structural Concrete	None	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK, 6-inch o.c.	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 6-inch o.c.	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-215.0
C-137.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-270.0
C-138.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-190.0
C-139.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 6-inch o.c.	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-285.0
C-140.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-120.0
C-141.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Ultra-Max	DUOTACK SPF	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK SPF	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-270.0
C-142.	Structural Concrete	None	(Optional) Min. 0.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Ultra-Max or Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK SPF HFO	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-190.0
C-143.	Structural Concrete	None	Min. 0.25-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	None	N/A	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-285.0



**TABLE 11A: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-3](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (4.1.2)	PRIME	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	CAP	
C-144.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA	Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast RA	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-190.0
C-145.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA, 4-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast RA, 4-inch o.c.	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-285.0
C-146.	Structural Concrete	None	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	Trufast RA	Min. 0.25-inch DEXcell FA Glass Mat Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast RA	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-120.0

**NEMO EVALUATIONS REPORT**

Report No.: NER-SOP-004.A.R3
 Revision 3: 2025-04-07
 Page 113 of 185

SOPREMA, Inc.
 FL3915-R39



ISO/IEC 17065 PCA-145

**TABLE 11b: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-2: BONDED VAPOR BARRIER, BONDED INSULATION, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	VAPOR BARRIER	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	CAP	
HOT OR TORCH APPLIED BASE PLY:										
C-147.	ASTM D41 primed structural concrete	COLVENT 180 TG, torch-applied	Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or H-Shield CG	hot asphalt	Min. 0.25-inch DensDeck Prime	hot asphalt	BP-AA	SBS-AA ('PS' with film upper surface)	SBS-TAF	-195.0
C-148.	ASTM D41 primed structural concrete	COLVENT 180 TG, torch-applied	Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or H-Shield CG	hot asphalt	Min. 0.125-inch SOPRABOARD or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	BP-AA	SBS-AA or SBS-TAF	SBS-TAF	-240.0
C-149.	ELASTOCOL 500 primed structural concrete	SOPRALENE 250 SP 4.0, torch-applied	Base Layer(s): One or more layers, min. 2-inch SOPRA-XPS 60 or Dupont STYROFOAM HIGHLOAD 60. Top Layer(s): One or more layers, min. 0.5-inch flat or tapered SOPRA-XPS 60 or Dupont STYROFOAM HIGHLOAD 60	DUOTACK 365	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK 365	SOPRALENE Flam 250, torch-applied	None	SOPRALENE Flam 250 FR GR, torch-applied	-650.0
C-150.	ELASTOCOL 500 primed structural concrete	SOPRALENE 250 SP 4.0, torch-applied	Base Layer(s): One or more layers, min. 2-inch SOPRA-XPS 60. Top Layer(s): One or more layers, min. 0.5-inch flat or tapered SOPRA-XPS 60	DUOTACK SPF HFO	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SOPRALENE Flam 250, torch-applied	None	SOPRALENE Flam 250 FR GR, torch-applied	-650.0

**TABLE 11c: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
 SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED SOPRAFIX, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	INSULATION AND/OR THERMAL BARRIER (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			BASE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
WITH FASTENER AND STRESS PLATE:								
C-151.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIX Base 622	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate or Trufast ¼" Concrete Spike with SOPREMA 2" Seam Plate	18-inch o.c. within 4-inch wide, heat-welded side laps	None	SBS-CA3, SBS-CA4	-45.0*
C-152.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIX Base 611, 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate or Trufast ¼" Concrete Spike with SOPREMA 2" Seam Plate	18-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0*
C-153.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIX Base 611, 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate or Trufast ¼" Concrete Spike with SOPREMA 2" Seam Plate	18-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-45.0*
C-154.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIX Base 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIX 2 in. SB Stress Plate, SOPREMA 2" Seam Plate, SOPRAFIX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate or Trufast ¼" Concrete Spike with SOPREMA 2" Seam Plate or SOPREMA 2.4" Seam Plate	18-inch o.c. within 5-inch wide, heat-welded side laps	(Optional) SBS-TAF	SBS-SA1	-45.0*
C-155.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIX Base 622. Top surface primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIX 2 in. SB Stress Plate, SOPREMA 2" Seam Plate, SOPRAFIX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate or Trufast ¼" Concrete Spike with SOPREMA 2" Seam Plate or SOPREMA 2.4" Seam Plate	18-inch o.c. within 5-inch wide, heat-welded side laps	None	SBS-SA1	-45.0*



**TABLE 11c: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED SOPRAFIF, BONDED ROOF COVER**

SYSTEM NO.	DECK (4.1.2)	INSULATION AND/OR THERMAL BARRIER (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			BASE (3.1.4.8)	FASTENER (4.2.2)	SPACING	PLY	CAP	
C-156.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate, SOPREMA 2" Seam Plate, SOPRAFIF 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2" Seam Plate or SOPREMA 2.4" Seam Plate	12-inch o.c. within 5-inch wide, heat-welded side laps	(Optional) SBS-TAF	SBS-SA1	-60.0
C-157.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 622. Top surface primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate, SOPREMA 2" Seam Plate, SOPRAFIF 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2" Seam Plate or SOPREMA 2.4" Seam Plate	12-inch o.c. within 5-inch wide, heat-welded side laps	None	SBS-SA1	-60.0
C-158.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 622	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-67.5
C-159.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 611, 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-67.5
C-160.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 611, 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate or SOPREMA 2" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-67.5
C-161.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 622	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIF 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2.4" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-75.0
C-162.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 611, 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIF 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2.4" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-75.0
C-163.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 611, 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIF 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2.4" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-75.0
C-164.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 622	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIF 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2.4" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	None	SBS-CA4	-97.5
C-165.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIF 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2.4" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA4	-97.5
C-166.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIF 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2.4" Seam Plate	12-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-97.5
C-167.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 622	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate, SOPREMA 2" Seam Plate, SOPRAFIF 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2" Seam Plate or SOPREMA 2.4" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	None	SBS-CA4	-112.5
C-168.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIF Base 611, 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIF 2 in. SB Stress Plate, SOPREMA 2" Seam Plate, SOPRAFIF 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2" Seam Plate or SOPREMA 2.4" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA4	-112.5



**TABLE 11c: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED SOPRAFIFX, BONDED ROOF COVER**

SYSTEM NO.	DECK (4.1.2)	INSULATION AND/OR THERMAL BARRIER (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			BASE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
C-169.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate, SOPREMA 2" Seam Plate, SOPRAFIFX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2" Seam Plate or SOPREMA 2.4" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-112.5
C-170.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 622	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	None	SBS-CA4	-120.0
C-171.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA4	-120.0
C-172.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611, 612 or 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIFX 2 in. SB Stress Plate or SOPREMA 2" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-120.0
C-173.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 611 or 612	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIFX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2.4" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-142.5
C-174.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 614	SOPREMA #14 Fastener or #14 MP Fastener with SOPRAFIFX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate or Trufast 1/4" Concrete Spike with SOPREMA 2.4" Seam Plate	6-inch o.c. within 4-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-202.5
WITH FASTENER AND BATTEN BARS OR BATTEN STRIPS:								
C-175.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 622	Trufast #14 HD, Trufast 1/4" Concrete Spike or SOPREMA #14 MP with SOPRAFIFX MBB-R	18-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA4	-45.0*
C-176.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 614	Trufast #14 HD, Trufast 1/4" Concrete Spike or SOPREMA #14 MP with SOPRAFIFX MBB-R	18-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0*
C-177.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 614	Trufast #14 HD, Trufast 1/4" Concrete Spike or SOPREMA #14 MP with SOPRAFIFX MBB-R	18-inch o.c. within 5-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-45.0*
C-178.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 612 or 614	Trufast #14 HD, Trufast 1/4" Concrete Spike or SOPREMA #14 MP with SOPRAFIFX MBB-R	18-inch o.c. within 5-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-SA1	-45.0*
C-179.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 622. Top surface primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	Trufast #14 HD, Trufast 1/4" Concrete Spike or SOPREMA #14 MP with SOPRAFIFX MBB-R	18-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-SA1	-45.0*
C-180.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 612	Trufast #14 HD, Trufast 1/4" Concrete Spike or SOPREMA #14 MP with SOPRAFIFX MBB-R	12-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-75.0
C-181.	Structural concrete	Min. 1.5-inch, One or more layers, any combination	SOPRAFIFX Base 612	Trufast #14 HD, Trufast 1/4" Concrete Spike or SOPREMA #14 MP with SOPRAFIFX MBB-R	12-inch o.c. within 5-inch wide, heat-welded laps	(Optional) SBS-TAF	SBS-TAF	-75.0



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
Revision 3: 2025-04-07
Page 116 of 185

SOPREMA, Inc.
FL3915-R39



**TABLE 11D: STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	PRIMER	ROOF COVER (3.1.4)			MDP (PSF)
			BASE	PLY	CAP	
COLD APPLIED BASE PLY:						
C-182.	Structural Concrete	ASTM D41, ELASTOCOL 500	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-97.5
C-183.	Structural Concrete	None	SBS-CA2, 6-inch o.c.	(Optional) SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	-180.0
C-184.	Structural Concrete	None	SBS-CA3	(Optional) SBS-CA3 or SBS-TAF	SBS-CA3 or SBS-TAF	-255.0
C-185.	Structural Concrete	ASTM D41, ELASTOCOL 500	SBS-CA3	(Optional) SBS-CA3 or SBS-TAF	SBS-CA3 or SBS-TAF	-270.0
HOT OR TORCH APPLIED BASE PLY:						
C-186.	Structural Concrete	ELASTOCOL 500, ELASTOCOL Stick	SBS-TAP	(Optional) BP-AA or SBS-AA	SBS-AA	-267.5
C-187.	Structural Concrete	ELASTOCOL 500, ELASTOCOL Stick	SBS-TAP	(Optional) SBS-TAF	SBS-TAF	-295.0
C-188.	Structural Concrete	ASTM D41	SBS-TAF	(Optional) SBS-TAF	SBS-TAF	-367.5
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:						
C-189.	Structural Concrete	ELASTOCOL Stick, ELASTOCOL Stick Zero, ELASTOCOL Stick LVOC	SBS-SA1	(Optional) SBS-CA4 or SBS-SA1	SBS-CA4 or SBS-SA1	-67.5
C-190.	Structural Concrete	ELASTOCOL 500, ELASTOCOL Stick, ELASTOCOL Stick Zero, ELASTOCOL Stick LVOC	SBS-SA1	(Optional) BP-AA or SBS-AA	SBS-AA	-242.5
C-191.	Structural Concrete	ELASTOCOL 500, ELASTOCOL Stick, ELASTOCOL Stick Zero, ELASTOCOL Stick LVOC	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-272.5
ELASTOPHENE ULTRA-STICK OR SOPRALENE ULTRA-STICK BASE PLY:						
C-192.	Structural Concrete	ELASTOCOL Stick, ELASTOCOL Stick Zero, ELASTOCOL Stick LVOC	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-304.0



TABLE 12A: LIGHTWEIGHT INSULATING CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION, BONDED ROOF COVER
 REFER TO TABLE VB-4 FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	DECK (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE INSULATION LAYER		COVERBOARD		ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
CELCORE:										
COLD APPLIED BASE PLY:										
LWC-1.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	(Optional) Min. 2-inch ACFoam III or H-Shield CG	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-105.0
LWC-2.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	(Optional) Min. 2-inch ACFoam III or H-Shield CG	DUOTACK	SOPRASMART XP HD 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-52.5
LWC-3.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	(Optional) Min. 2-inch ACFoam III or H-Shield CG	DUOTACK	SOPRASMART Board 180 Sanded or SOPRASMART ISO HD 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-105.0
LWC-4.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 370 psi, Min. 2-inch top coat. Celcore PVA Curing Compound is applied	Min. 1.5-inch, min. 1.5 pcf Insulfoam II Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-CA3	(Optional) SBS-CA3	SBS-CA3	-180.0
LWC-5.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 370 psi, Min. 2-inch top coat. Celcore PVA Curing Compound is applied	Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-CA3	(Optional) SBS-CA3	SBS-CA3	-240.0
LWC-6.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 370 psi, Min. 2-inch top coat. Celcore PVA Curing Compound is applied	(Optional) Min. 0.5-inch ACFoam III, H-Shield CG or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-270.0
HOT OR TORCH APPLIED BASE PLY:										
LWC-7.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 0.125-inch SOPRABOARD	DUOTACK	None	N/A	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-115.0
LWC-8.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 2-inch ACFoam III or H-Shield CG	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-170.0
LWC-9.	Structural Concrete	Vapor Barrier; Required: ELASTOPHENE SP 2.2, ELASTOPHENE SP 3.0, SOPRALENE 180 SP 3.0 or SOPRALENE 180 SP 3.5, torch applied LWC: Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 340 psi, Min. 2-inch top coat. Celcore SBS (Sanded Bonding Surface) at 1 gal/square.	Min. 0.125-inch SOPRABOARD	DUOTACK	None	N/A	SBS-TAF	(Optional) SBS-TAF	SBS-TAF	-410.0



TABLE 12A: LIGHTWEIGHT INSULATING CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION, BONDED ROOF COVER
REFER TO TABLE VB-4 FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	DECK (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE INSULATION LAYER		COVERBOARD		ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
LWC-10.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	SOPRASMART Board 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 (for torched Base or Cap Ply)	DUOTACK	None	N/A	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-115.0
LWC-11.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 2-inch ACfoam III or H-Shield CG	DUOTACK	SOPRASMART XP HD 180 Sanded (for AA Base or Cap Ply) or SOPRASMART XP HD 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) SBS-TAP, SBS-TAF	None	SBS-AA or SBS-TAF	-52.5
LWC-12.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 2-inch ACfoam III or H-Shield CG	DUOTACK	SOPRASMART Board 180 Sanded or SOPRASMART ISO HD 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 or SOPRASMART ISO HD 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-170.0
LWC-13.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	None	N/A	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-115.0
LWC-14.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 2-inch ACfoam III or H-Shield CG	DUOTACK	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-170.0
LWC-15.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 0.5-inch SECUROCK Cement Board	DUOTACK	None	N/A	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-115.0
LWC-16.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 2-inch ACfoam III or H-Shield CG	DUOTACK	Min. 0.5-inch SECUROCK Cement Board	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-170.0
LWC-17.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 0.25-inch DensDeck Prime	DUOTACK	None	N/A	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-115.0



TABLE 12A: LIGHTWEIGHT INSULATING CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION, BONDED ROOF COVER
 REFER TO TABLE VB-4 FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	DECK (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE INSULATION LAYER		COVERBOARD		ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
LWC-18.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 2-inch ACfoam III or H-Shield CG	DUOTACK	Min. 0.25-inch DensDeck Prime	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-170.0
LWC-19.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK	None	N/A	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-115.0
LWC-20.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 2-inch ACfoam III or H-Shield CG	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-120.0
LWC-21.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	None	N/A	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-115.0
LWC-22.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 2-inch ACfoam III or H-Shield CG	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-170.0
LWC-23.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 370 psi, Min. 2-inch top coat. Celcore PVA Curing Compound is applied	Min. 1.5-inch, min. 1.5 pcf Insulfoam II Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-180.0
LWC-24.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 370 psi, Min. 2-inch top coat. Celcore PVA Curing Compound is applied	Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-240.0
LWC-25.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 370 psi, Min. 2-inch top coat. Celcore PVA Curing Compound is applied	(Optional) Min. 0.5-inch ACfoam III, H-Shield CG or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-270.0
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:										
LWC-26.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 0.125-inch SOPRABOARD	DUOTACK	None	N/A	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-115.0



TABLE 12A: LIGHTWEIGHT INSULATING CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION, BONDED ROOF COVER
 REFER TO TABLE VB-4 FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	DECK (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE INSULATION LAYER		COVERBOARD		ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
LWC-27.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 2-inch ACfoam III or H-Shield CG	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-155.0
LWC-28.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 2-inch ACfoam III or H-Shield CG	DUOTACK	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-155.0
LWC-29.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 370 psi, Min. 2-inch top coat. Celcore PVA Curing Compound is applied	Min. 1.5-inch, min. 1.5 pcf Insulfoam II Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-180.0
LWC-30.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 370 psi, Min. 2-inch top coat. Celcore PVA Curing Compound is applied	Min. 1.5-inch, min. 1.5 pcf Insulfoam II Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-180.0
LWC-31.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 370 psi, Min. 2-inch top coat. Celcore PVA Curing Compound is applied	(Optional) Min. 0.5-inch ACfoam III, H-Shield CG or Ultra-Max or Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-215.0
LWC-32.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 370 psi, Min. 2-inch top coat. Celcore PVA Curing Compound is applied	Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-240.0



NEMO|cert.

TABLE 12A: LIGHTWEIGHT INSULATING CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: LWC TO DECK, BONDED INSULATION, BONDED ROOF COVER
 REFER TO TABLE VB-4 FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	DECK (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE INSULATION LAYER		COVERBOARD		ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
LWC-33.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 370 psi, Min. 2-inch top coat. Celcore PVA Curing Compound is applied	(Optional) Min. 1.5-inch ACfoam III, H-Shield CG or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-270.0
ELASTOPHENE ULTRA-STICK or SOPRALENE ULTRA-STICK BASE PLY:										
LWC-34.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	None	N/A	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-115.0
LWC-35.	Structural Concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound	Min. 2-inch ACfoam III or H-Shield CG	DUOTACK	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-155.0
PRE-EXISTENT CELLULAR LWC:										
TORCH APPLIED BASE PLY:										
LWC-36.	Structural Concrete	Cellular lightweight concrete, Min. 400 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener shall achieve an average withdrawal of 156 lbf when tested per (4.2.2)</i>	Min. 0.125-inch SOPRABOARD	DUOTACK 365, 6-inch o.c.	None	N/A	SBS-TAF	(Optional) SBS-TAF	SBS-TAF	-210.0



**TABLE 12B: LIGHTWEIGHT INSULATING CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: LWC TO DECK, BONDED VAPOR BARRIER, BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM NO.	DECK (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	VAPOR BARRIER (3.1.4)	BASE INSULATION LAYER		COVERBOARD		ROOF COVER (3.1.4)			MDP (PSF)
				TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
PRE-EXISTENT CELLULAR LWC:											
COLD APPLIED BASE PLY:											
LWC-37.	Structural Concrete	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	SBS-CA2, 6-inch o.c. (sanded-top)	(Optional) Min. 1.5-inch ACfoam II, ACfoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0
LWC-38.	Structural Concrete	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	SBS-CA2, 6-inch o.c. (sanded-top)	(Optional) Min. 1.5-inch ACfoam II, ACfoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART XP HD 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-52.5
LWC-39.	Structural Concrete	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	SBS-CA2, 6-inch o.c. (sanded-top)	(Optional) Min. 1.5-inch ACfoam II, ACfoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART Board 180 Sanded or SOPRASMART ISO HD 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-60.0
LWC-40.	Structural Concrete	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	SBS-CA2, 6-inch o.c. (sanded-top)	(Optional) Min. 1.5-inch ACfoam II, ACfoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	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	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0
HOT OR TORCH APPLIED BASE PLY:											
LWC-41.	Structural Concrete	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	SBS-CA2, 6-inch o.c. (sanded-top)	(Optional) Min. 1.5-inch ACfoam II, ACfoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	BP-AA, SBS-AA, SBS-AA2, SBS-TAF	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0



**TABLE 12B: LIGHTWEIGHT INSULATING CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: LWC TO DECK, BONDED VAPOR BARRIER, BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM NO.	DECK (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	VAPOR BARRIER (3.1.4)	BASE INSULATION LAYER		COVERBOARD		ROOF COVER (3.1.4)			MDP (PSF)
				TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
LWC-42.	Structural Concrete	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	SBS-CA2, 6-inch o.c. (sanded-top)	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART XP HD 180 Sanded (for AA Base or Cap Ply) or SOPRASMART XP HD 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) SBS-TAP, SBS-TAF	None	SBS-AA or SBS-TAF	-52.5
LWC-43.	Structural Concrete	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	SBS-CA2, 6-inch o.c. (sanded-top)	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART Board 180 Sanded or SOPRASMART ISO HD 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 or SOPRASMART ISO HD 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-60.0
LWC-44.	Structural Concrete	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	SBS-CA2, 6-inch o.c. (sanded-top)	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	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	DUOTACK	BP-AA, SBS-AA, SBS-AA2, SBS-TAF	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0
ELASTOPHENE Stick, SOPRALENE Stick or SOPRALENE FLAM Stick BASE PLY:											
LWC-45.	Structural Concrete	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	SBS-CA2, 6-inch o.c. (sanded-top)	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0
LWC-46.	Structural Concrete	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	SBS-CA2, 6-inch o.c. (sanded-top)	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-60.0



**TABLE 12B: LIGHTWEIGHT INSULATING CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: LWC TO DECK, BONDED VAPOR BARRIER, BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM NO.	DECK (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	VAPOR BARRIER (3.1.4)	BASE INSULATION LAYER		COVERBOARD		ROOF COVER (3.1.4)			MDP (PSF)
				TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
LWC-47.	Structural Concrete	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	SBS-CA2, 6-inch o.c. (sanded-top)	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	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. Top surface primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0

**TABLE 12C: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM NO.	DECK (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	ANCHOR SHEET		VAPOR BARRIER (3.1.4)	BASE INSULATION LAYER(S)		TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	ATTACH		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
PRE-EXISTENT CELLULAR LWC:													
COLD APPLIED BASE PLY:													
LWC-48.	Min. 22 ga., Type BV, Grade 40 steel	Cellular lightweight concrete, Min. 400 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener shall achieve an average withdrawal of 156 lbf when tested per (4.2.2)</i>	MODIFIED SOPRA G	SOPREMA 1.7 in. Base Sheet Fastener, 9-inch o.c. at 4-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA (sand-surfaced) or SBS-TAF (sand-surfaced)	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG, SOPRA-XPS or Insulfoam VIII	DUOTACK	Min.0.125-inch SOPRABOARD	DUOTACK	SBS-CA3 or SBS-CA4	(Optional) SBS-CA4	SBS-CA3 or SBS-CA4	-45.0
HOT OR TORCH APPLIED BASE PLY:													
LWC-49.	Min. 22 ga., Type BV, Grade 40 steel	Cellular lightweight concrete, Min. 400 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener shall achieve an average withdrawal of 156 lbf when tested per (4.2.2)</i>	MODIFIED SOPRA G	SOPREMA 1.7 in. Base Sheet Fastener, 9-inch o.c. at 4-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA (sand-surfaced) or SBS-TAF (sand-surfaced)	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG, SOPRA-XPS or Insulfoam VIII	DUOTACK	Min.0.125-inch SOPRABOARD	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-45.0



**TABLE 12c: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	DECK (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	ANCHOR SHEET		VAPOR BARRIER (3.1.4)	BASE INSULATION LAYER(S)		TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	ATTACH		TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:													
LWC-50.	Min. 22 ga., Type BV, Grade 40 steel	Cellular lightweight concrete, Min. 400 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener shall achieve an average withdrawal of 156 lbf when tested per (4.2.2)</i>	MODIFIED SOPRA G	SOPREMA 1.7 in. Base Sheet Fastener, 9-inch o.c. at 4-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA (sand-surfaced) or SBS-TAF (sand-surfaced)	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG, SOPRA-XPS or Insulfoam VIII	DUOTACK	Min.0.125-inch SOPRABOARD. Top surface primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-45.0
ELASTOPHENE ULTRA-STICK OR SOPRALENE ULTRA-STICK BASE PLY:													
LWC-51.	Min. 22 ga., Type BV, Grade 40 steel	Cellular lightweight concrete, Min. 400 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener shall achieve an average withdrawal of 156 lbf when tested per (4.2.2)</i>	MODIFIED SOPRA G	SOPREMA 1.7 in. Base Sheet Fastener, 9-inch o.c. at 4-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA (sand-surfaced) or SBS-TAF (sand-surfaced)	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG, SOPRA-XPS or Insulfoam VIII	DUOTACK	Min.0.125-inch SOPRABOARD. Top surface primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0

**TABLE 12d: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	DECK (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE SHEET			ROOF COVER (3.1.4)		MDP (PSF)
			BASE	FASTENER (4.2.2)	SPACING	BASE PLY(S)	CAP	
CELCORE:								
LWC-52.	Min 22 ga., Type B steel; 5 ft span or structural concrete	Celcore Cellular Concrete, Min. 200 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	MODIFIED SOPRA G, SOPRABASE S, SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at min. 3-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA or SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-45.0
LWC-53.	Min 22 ga., Type B steel; 5 ft span or structural concrete	Celcore Cellular Concrete, Min. 200 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at min. 3-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-45.0
LWC-54.	Min. 22 ga., Type B steel; 5 ft span, min. 20 ga., Type N or DR steel; 8 ft span or structural concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 350 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	9-inch o.c. at 4-inch laps and 12-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-CA4	SBS-CA3, SBS-CA4	-52.5



**TABLE 12d: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	DECK (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE SHEET			ROOF COVER (3.1.4)		MDP (PSF)
			BASE	FASTENER (4.2.2)	SPACING	BASE PLY(S)	CAP	
LWC-55.	Min. 22 ga., Type B steel; 5 ft span, min. 20 ga., Type N or DR steel; 8 ft span or structural concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	MODIFIED SOPRA G, SOPRABASE S, SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	9-inch o.c. at 4-inch laps and 12-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA or SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-60.0
LWC-56.	Min. 22 ga., Type B steel; 5 ft span, min. 20 ga., Type N or DR steel; 8 ft span or structural concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	9-inch o.c. at 4-inch laps and 12-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-60.0
LWC-57.	Min. 22 ga., Type B or BV steel; 6 ft span, min. 20 ga., Type N or DR steel; 8 ft span or structural concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	MODIFIED SOPRA G, SOPRABASE S, SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 3-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-67.5
LWC-58.	Min. 22 ga., Type B or BV steel; 6 ft span, min. 20 ga., Type N or DR steel; 8 ft span or structural concrete	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 3-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-AA, SBS-TAF	-67.5
LWC-59.	Min. 22 ga., Type BV steel; 5 ft span or structural concrete	Celcore Cellular Concrete, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	MODIFIED SOPRA G, SOPRABASE S, SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 3-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA, SBS-TAF	SBS-CA3, SBS-AA, SBS-TAF	-75.0
LWC-60.	Min. 20 ga., Type N or DR steel; 8 ft span	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	MODIFIED SOPRA G, SOPRABASE S, SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 3-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA, SBS-TAF	SBS-CA3, SBS-AA, SBS-TAF	-75.0
LWC-61.	Min. 22 ga., Type BV steel; 5 ft span or structural concrete	Celcore Cellular Concrete, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 3-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-75.0
LWC-62.	Min. 20 ga., Type N or DR steel; 8 ft span	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 3-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-75.0
CONCRECEL:								
LWC-63.	Min. 22 ga. Type BV, Grade 80 steel; 5 ft span or structural concrete	Deck treated with Concrecel Bonding Agent; Concrecel Concrete, Min. 300 psi, Min. 2.25-inch top coat. Concrecel Curing Compound.	MODIFIED SOPRA G, SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 3-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA, SBS-TAF	SBS-CA3, SBS-AA, SBS-TAF	-52.5



NEMO|cert.

**TABLE 12d: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	DECK (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE SHEET			ROOF COVER (3.1.4)		MDP (PSF)
			BASE	FASTENER (4.2.2)	SPACING	BASE PLY(S)	CAP	
LWC-64.	Min. 22 ga. Type BV, Grade 80 steel; 5 ft span or structural concrete	Deck treated with Concrecel Bonding Agent; Concrecel Concrete, Min. 300 psi, Min. 2.25-inch top coat. Concrecel Curing Compound.	SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 3-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-CA4	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-52.5
LWC-65.	Min. 22 ga. Type BV, Grade 80 steel; 5 ft span or structural concrete	Deck treated with Concrecel Bonding Agent; Concrecel Concrete, Min. 300 psi, Min. 2.25-inch top coat. Concrecel Curing Compound.	SOPRABASE S, SOPRALENE 180 Sanded 2.2, SOPRALENE 180 Sanded, SELECT SBS POLY SANDED	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 4-inch laps and 7-inch o.c. in two equally spaced, staggered center rows	One or two BP-AA, SBS-AA or SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-82.5
LWC-66.	Min. 22 ga. Type BV, Grade 80 steel; 5 ft span or structural concrete	Deck treated with Concrecel Bonding Agent; Concrecel Concrete, Min. 300 psi, Min. 2.25-inch top coat. Concrecel Curing Compound.	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 4-inch laps and 7-inch o.c. in two equally spaced, staggered center rows	One or two SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-82.5
ELASTIZELL:								
LWC-67.	Min. 26 ga. steel; 5 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 200 psi, Min. 2-inch top coat	MODIFIED SOPRA G, SOPRABASE S, SOPRA 4897	SOPREMA BSF 1.7 Trufast FM-90 or Twin Loc-Nails (1.8 inch)	7½-inch o.c. at the 4-inch lap and 7½-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA, SBS-TAF	SBS-CA3, SBS-AA, SBS-TAF	-30.0
LWC-68.	Min. 26 ga. steel; 5 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 200 psi, Min. 2-inch top coat	SOPRA 4897	SOPREMA BSF 1.7 Trufast FM-90 or Twin Loc-Nails (1.8 inch)	7½-inch o.c. at the 4-inch lap and 7½-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-CA4	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-30.0
LWC-69.	Min. 26 ga. steel; 5 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 200 psi, Min. 2-inch top coat	SOPRABASE TG	SOPREMA BSF 1.7 Trufast FM-90 or Twin Loc-Nails (1.8 inch)	7½-inch o.c. at the 4-inch lap and 7½-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-30.0
LWC-70.	Min. 22 ga. Type B steel; 6 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 200 psi, Min. 2.5-inch top coat.	MODIFIED SOPRA G, SOPRABASE S, SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 4-inch laps and 7-inch o.c. in two equally spaced, staggered center rows	One or two BP-AA, SBS-AA, SBS-TAF	SBS-CA3, SBS-AA, SBS-TAF	-45.0
LWC-71.	Min. 22 ga. Type B steel; 6 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 200 psi, Min. 2.5-inch top coat.	SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 4-inch laps and 7-inch o.c. in two equally spaced, staggered center rows	One or two SBS-CA4	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-45.0
LWC-72.	Min. 22 ga. Type B steel; 6 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 200 psi, Min. 2.5-inch top coat.	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 4-inch laps and 7-inch o.c. in two equally spaced, staggered center rows	One or two SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-45.0
LWC-73.	Min. 22 ga., Type BV steel; 5 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 200 psi, Min. 2-inch top coat	MODIFIED SOPRA G, SOPRABASE S, SOPRA 4897	SOPREMA BSF 1.7 Trufast FM-90 or Twin Loc-Nails (1.8 inch)	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA, SBS-TAF	SBS-CA3, SBS-AA, SBS-TAF	-45.0



**TABLE 12d: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	DECK (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE SHEET			ROOF COVER (3.1.4)		MDP (PSF)
			BASE	FASTENER (4.2.2)	SPACING	BASE PLY(S)	CAP	
LWC-74.	Min. 22 ga., Type BV steel; 5 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 200 psi, Min. 2-inch top coat	SOPRA 4897	SOPREMA BSF 1.7 Trufast FM-90 or Twin Loc-Nails (1.8 inch)	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-CA4	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-45.0
LWC-75.	Min. 22 ga., Type BV steel; 5 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 200 psi, Min. 2-inch top coat	SOPRABASE TG	SOPREMA BSF 1.7 Trufast FM-90 or Twin Loc-Nails (1.8 inch)	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-45.0
MEARLCRETE:								
LWC-76.	Min. 22 ga. Type B steel; 6 ft span or structural concrete	Mearlcrete, Min. 200 psi, Min. 2.5-inch top coat	MODIFIED SOPRA G, SOPRABASE S, SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 4-inch laps and 7-inch o.c. in two equally spaced, staggered center rows	One or two BP-AA, SBS-AA, SBS-TAF	SBS-CA3, SBS-AA, SBS-TAF	-45.0
LWC-77.	Min. 22 ga. Type B steel; 6 ft span or structural concrete	Mearlcrete, Min. 200 psi, Min. 2.5-inch top coat	SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 4-inch laps and 7-inch o.c. in two equally spaced, staggered center rows	One or two SBS-CA4	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-45.0
LWC-78.	Min. 22 ga. Type B steel; 6 ft span or structural concrete	Mearlcrete, Min. 200 psi, Min. 2.5-inch top coat	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 4-inch laps and 7-inch o.c. in two equally spaced, staggered center rows	One or two SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-45.0
LWC-79.	Min. 22 ga., Type BV steel; 5 ft span or structural concrete	Mearlcrete, Min. 250 psi, Min. 2-inch top coat	MODIFIED SOPRA G, SOPRABASE S, SOPRA 4897	OMG CR Base Ply Fastener (1.7)	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA, SBS-TAF	SBS-CA3, SBS-AA, SBS-TAF	-52.5
LWC-80.	Min. 22 ga., Type BV steel; 5 ft span or structural concrete	Mearlcrete, Min. 250 psi, Min. 2-inch top coat	SOPRA 4897	OMG CR Base Ply Fastener (1.7)	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-CA4	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-52.5
LWC-81.	Min. 22 ga., Type BV steel; 5 ft span or structural concrete	Mearlcrete, Min. 250 psi, Min. 2-inch top coat	SOPRABASE TG	OMG CR Base Ply Fastener (1.7)	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-52.5
SIPLAST NVS INSULATING CONCRETE:								
LWC-82.	Min. 22 ga., Type B, Grade 33 steel at max 6 ft spans or structural concrete	NVS, Min. 310 psi, Min. 1-inch top coat	MODIFIED SOPRA G or SOPRABASE S	Trufast FM-75	9-inch o.c. at the 3.5-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-AA, SBS-AA2 or SBS-TAF	SBS-CA4, SBS-AA, SBS-AA-2 or SBS-TAF	-45.0
LWC-83.	Min. 22 ga., Type B, Grade 33 steel at max 6 ft spans or structural concrete	NVS, Min. 310 psi, Min. 1-inch top coat	SOPRA 4897	Trufast FM-75	9-inch o.c. at the 3.5-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-CA4, SBS-AA, SBS-AA2 or SBS-TAF	SBS-CA4, SBS-AA, SBS-AA-2 or SBS-TAF	-45.0
LWC-84.	Min. 22 ga., Type B, Grade 33 steel at max 6 ft spans or structural concrete	NVS, Min. 310 psi, Min. 1-inch top coat	SOPRABASE TG	Trufast FM-75	9-inch o.c. at the 3.5-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-CA4, SBS-AA, SBS-AA-2 or SBS-TAF	-45.0



**TABLE 12D: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	DECK (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE SHEET			ROOF COVER (3.1.4)		MDP (PSF)
			BASE	FASTENER (4.2.2)	SPACING	BASE PLY(S)	CAP	
LWC-85.	Min. 22 ga., Type B, Grade 33 steel at max 6 ft spans or structural concrete	NVS, Min. 310 psi, Min. 1-inch top coat	SOPRABASE S or SOPRA 4897. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast FM-75	9-inch o.c. at the 3.5-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	SBS-SA1	SBS-SA1 or SBS-TAF	-45.0
LWC-86.	Min. 22 ga., Type B, Grade 33 steel at max 6 ft spans or structural concrete	NVS, Min. 310 psi, Min. 1-inch top coat	ULTRA-STICK Nail Base	Trufast FM-75	9-inch o.c. at the 3.5-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	SBS-SA2	SBS-SA2	-45.0
PRE-EXISTENT CELLULAR LWC:								
LWC-87.	Min. 22 ga. Type B steel; 5 ft span or structural concrete	Cellular lightweight concrete, Min. 300 psi, Min. 2-inch top coat. <i>Note: 1.8-inch Twin Loc-Nail shall achieve an average withdrawal of 88 lbf when tested per (4.2.2)</i>	MODIFIED SOPRA G, SOPRA 4897	Min. 1.8-inch Trufast Twin Loc-Nail	9-inch o.c. at 4-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA or SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-60.0
LWC-88.	Min. 22 ga. Type B steel; 5 ft span or structural concrete	Cellular lightweight concrete, Min. 300 psi, Min. 2-inch top coat. <i>Note: 1.8-inch Twin Loc-Nail shall achieve an average withdrawal of 110 lbf when tested per (4.2.2)</i>	SOPRABASE S, SOPRALENE 180 Sanded 2.2, SOPRALENE 180 Sanded, SELECT SBS POLY SANDED	Min. 1.8-inch Trufast Twin Loc-Nail	9-inch o.c. at 4-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA or SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-75.0
LWC-89.	Min. 22 ga. Type B steel; 5 ft span or structural concrete	Cellular lightweight concrete, Min. 300 psi, Min. 2-inch top coat. <i>Note: 1.8-inch Twin Loc-Nail shall achieve an average withdrawal of 110 lbf when tested per (4.2.2)</i>	SOPRABASE TG	Min. 1.8-inch Trufast Twin Loc-Nail	9-inch o.c. at 4-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-75.0



TABLE 12E: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR CWF DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)												
SYSTEM TYPE E-2: THERMAL BARRIER TO DECK, VAPOR BARRIER TO THERMAL BARRIER, LWC TO VAPOR BARRIER, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER												
SYSTEM No.	DECK (4.1.2)	THERMAL BARRIER			VAPOR BARRIER (3.1.4)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE SHEET			ROOF COVER (3.1.4)		MDP (PSF)
		TYPE	FASTEN (4.2.2)	ATTACH (3.1.2.f)			BASE	FASTENER (4.2.2)	SPACING	BASE PLY	CAP	
CELCORE:												
LWC-90.	Min. 22 ga. Type B steel; 6 ft span	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.6 ft ²	SBS-AA (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	MODIFIED SOPRA G, SOPRABASE S, SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 3-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-60.0
LWC-91.	Min. 22 ga. Type B steel; 6 ft span	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.6 ft ²	SBS-AA (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 3-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-AA, SBS-TAF	-60.0
LWC-92.	Min. 22 ga. Type B steel; 6 ft span	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.6 ft ²	SBS-AA or SBS-TAF (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	MODIFIED SOPRA G, SOPRABASE S, SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	9-inch o.c. at 4-inch laps and 12-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-60.0
LWC-93.	Min. 2-inch Tectum	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	4-inch o.c.	SBS-AA or SBS-TAF (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	MODIFIED SOPRA G, SOPRABASE S, SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	9-inch o.c. at 4-inch laps and 12-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-60.0
LWC-94.	Min. 22 ga. Type B steel; 6 ft span	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.6 ft ²	SBS-AA or SBS-TAF (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	9-inch o.c. at 4-inch laps and 12-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-AA, SBS-TAF	-60.0
LWC-95.	Min. 2-inch Tectum	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	4-inch o.c.	SBS-AA or SBS-TAF (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	9-inch o.c. at 4-inch laps and 12-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-AA, SBS-TAF	-60.0



TABLE 12E: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR CWF DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)												
SYSTEM TYPE E-2: THERMAL BARRIER TO DECK, VAPOR BARRIER TO THERMAL BARRIER, LWC TO VAPOR BARRIER, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER												
SYSTEM NO.	DECK (4.1.2)	THERMAL BARRIER			VAPOR BARRIER (3.1.4)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE SHEET			ROOF COVER (3.1.4)		MDP (PSF)
		TYPE	FASTEN (4.2.2)	ATTACH (3.1.2.E)			BASE	FASTENER (4.2.2)	SPACING	BASE PLY	CAP	
LWC-96.	Min. 22 ga. Type B steel; 6 ft span	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.6 ft ²	SBS-TAF (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	MODIFIED SOPRA G, SOPRABASE S, SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 3-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-75.0
LWC-97.	Min. 2-inch Tectum	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	4-inch o.c.	SBS-AA or SBS-TAF (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	MODIFIED SOPRA G, SOPRABASE S, SOPRA 4897	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 3-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-75.0
LWC-98.	Min. 22 ga. Type B steel; 6 ft span	Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board	3.1.1	1 per 1.6 ft ²	SBS-TAF (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 3-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-AA, SBS-TAF	-75.0
LWC-99.	Min. 2-inch Tectum	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	4-inch o.c.	SBS-AA or SBS-TAF (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 3-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-AA, SBS-TAF	-75.0
LWC-100.	Min. 22 ga. Type B, Grade 33 steel; 6 ft span	Min. 0.625-inch DensDeck Prime	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.8 ft ²	SBS-TAF (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 330 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-AA, SBS-TAF	-82.5



TABLE 12E: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR CWF DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)												
SYSTEM TYPE E-2: THERMAL BARRIER TO DECK, VAPOR BARRIER TO THERMAL BARRIER, LWC TO VAPOR BARRIER, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER												
SYSTEM NO.	DECK (4.1.2)	THERMAL BARRIER			VAPOR BARRIER (3.1.4)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE SHEET			ROOF COVER (3.1.4)		MDP (PSF)
		TYPE	FASTEN (4.2.2)	ATTACH (3.1.2.E)			BASE	FASTENER (4.2.2)	SPACING	BASE PLY	CAP	
LWC-101.	Min. 2-inch Tectum	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	4-inch o.c.	SBS-AA or SBS-TAF (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 330 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-AA, SBS-TAF	-82.5
LWC-102.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	3.1.1	Prelim. attach	SBS-AA or SBS-TAF (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAFIX Base 614	SOPREMA #15-EL Fastener or #15 HD Fastener with SOPRAFIX 2-3/8 in. SB Stress Plate or SOPREMA 2.4" Seam Plate (to engage steel deck)	12-inch o.c. within 4-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-82.5
CONCRECEL:												
LWC-103.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 2.0 ft ²	SBS-TAF (sanded top)	Deck treated with Concrecel Bonding Agent; Concrecel Concrete, Min. 350 psi, Min. 2.25-inch top coat	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 4-inch laps and 7-inch o.c. in two equally spaced, staggered center rows	One or two SBS-TAF	SBS-TAF	-75.0



TABLE 12E: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR CWF DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)												
SYSTEM TYPE E-2: THERMAL BARRIER TO DECK, VAPOR BARRIER TO THERMAL BARRIER, LWC TO VAPOR BARRIER, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER												
SYSTEM NO.	DECK (4.1.2)	THERMAL BARRIER			VAPOR BARRIER (3.1.4)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE SHEET			ROOF COVER (3.1.4)		MDP (PSF)
		TYPE	FASTEN (4.2.2)	ATTACH (3.1.2.E)			BASE	FASTENER (4.2.2)	SPACING	BASE PLY	CAP	
LWC-104.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL 500	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3” Metal Insulation Plate	1 per 2.0 ft ²	SBS-TAF (sanded top)	Deck treated with Concrecel Bonding Agent; Concrecel Concrete, Min. 350 psi, Min. 2.25-inch top coat	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 4-inch laps and 7-inch o.c. in two equally spaced, staggered center rows	One or two SBS-TAF	SBS-TAF	-82.5
LWC-105.	Min. 2-inch Tectum	Min. 0.5-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	4-inch o.c.	SBS-AA or SBS-TAF (sanded top)	Deck treated with Concrecel Bonding Agent; Concrecel Concrete, Min. 350 psi, Min. 2.25-inch top coat	SOPRABASE TG	SOPREMA BSF 1.7 or Trufast FM-90	7-inch o.c. at the 4-inch laps and 7-inch o.c. in two equally spaced, staggered center rows	One or two SBS-TAF	SBS-TAF	-82.5



**TABLE 12F: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED SOPRAPHIX, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	Deck (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			BASE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
CELCORE:								
LWC-106.	Min. 22 ga. Type B steel; 6 ft span or structural concrete	Celcore Cellular Concrete, Min. 200 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAPHIX Base 622	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-37.5
LWC-107.	Min. 20 ga. Type N or DR steel; 8 ft span	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 260 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAPHIX Base 622	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-37.5
LWC-108.	Min. 22 ga. Type B steel; 6 ft span or structural concrete	Celcore Cellular Concrete, Min. 200 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAPHIX Base 613 or 614	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-37.5
LWC-109.	Min. 20 ga. Type N or DR steel; 8 ft span	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 260 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAPHIX Base 613 or 614	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-37.5
LWC-110.	Min. 22 ga. Type B steel; 6 ft span or structural concrete	Celcore Cellular Concrete, Min. 200 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAPHIX Base 613 or 614	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-37.5
LWC-111.	Min. 20 ga. Type N or DR steel; 8 ft span	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 260 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAPHIX Base 613 or 614	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-37.5
LWC-112.	Min. 22 ga., Type BV, Grade 40 steel; 6 ft span, min. 20 ga., Type N or DR steel; 8 ft span or structural concrete	Deck treated with Celcore S-1. Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound. Optional Celcore SBS (Sanded Bonding Surface) may be applied.	SOPRAPHIX Base 622	2-1/4" Trufast Versa-Fast Fasteners & Plate	Versa-Fast Plate 9-inch o.c. within the 5-inch wide, heat-welded side laps. Two (2) min. 2¼" long Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate, parallel to the width-direction of the sheet.	None	SBS-CA3, SBS-CA4	-45.0
LWC-113.	Min. 22 ga., Type BV, Grade 40 steel; 6 ft span, min. 20 ga., Type N or DR steel; 8 ft span or structural concrete	Deck treated with Celcore S-1. Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound. Optional Celcore SBS (Sanded Bonding Surface) may be applied.	SOPRAPHIX Base 613	Trufast Versa-Fast Fasteners & Plate	Versa-Fast Plate 9-inch o.c. within the 5-inch wide, heat-welded side laps. Two (2) min. 2¼" long Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate, parallel to the width-direction of the sheet.	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0
LWC-114.	Min. 22 ga., Type BV, Grade 40 steel; 6 ft span, min. 20 ga., Type N or DR steel; 8 ft span or structural concrete	Deck treated with Celcore S-1. Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat. Celcore PVA Curing Compound. Optional Celcore SBS (Sanded Bonding Surface) may be applied.	SOPRAPHIX Base 613	Trufast Versa-Fast Fasteners & Plate	Versa-Fast Plate 9-inch o.c. within the 5-inch wide, heat-welded side laps. Two (2) min. 2¼" long Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate, parallel to the width-direction of the sheet.	(Optional) One or two SBS-TAF	SBS-TAF	-45.0



**TABLE 12F: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED SOPRAPHIX, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	Deck (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			BASE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
LWC-115	Min. 22 ga. Type B steel; 6 ft span or structural concrete	Celcore Cellular Concrete, Min. 200 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAPHIX Base 622	Tri-Fixx	9-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-45.0
LWC-116	Min. 20 ga. Type N or DR steel; 8 ft span	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 260 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAPHIX Base 622	Tri-Fixx	9-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-45.0
LWC-117	Min. 22 ga. Type B steel; 6 ft span or structural concrete	Celcore Cellular Concrete, Min. 200 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAPHIX Base 613 or 614	Tri-Fixx	9-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0
LWC-118	Min. 20 ga. Type N or DR steel; 8 ft span	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 260 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAPHIX Base 613 or 614	Tri-Fixx	9-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0
LWC-119	Min. 22 ga. Type B steel; 6 ft span or structural concrete	Celcore Cellular Concrete, Min. 200 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAPHIX Base 613 or 614	Tri-Fixx	9-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-45.0
LWC-120	Min. 20 ga. Type N or DR steel; 8 ft span	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 260 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAPHIX Base 613 or 614	Tri-Fixx	9-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-45.0
LWC-121	Structural concrete	Treatment: Optional, Celcore S-1. LWC: Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 390 psi, Min. 2-inch top coat. Celcore PVA Curing Compound. Surfacing: Optional, Celcore SBS (Sanded Bonding Surface).	SOPRAPHIX Base 622	Trufast Versa-Fast Fasteners & Plate	Versa-Fast Plate 10-inch o.c. within the 5-inch wide, heat-welded side laps. Two (2) min. 2¼" long Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate, parallel to the width-direction of the sheet.	None	SBS-CA3, SBS-CA4	-45.0
LWC-122	Structural concrete	Treatment: Optional, Celcore S-1. LWC: Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 390 psi, Min. 2-inch top coat. Celcore PVA Curing Compound. Surfacing: Optional, Celcore SBS (Sanded Bonding Surface).	SOPRAPHIX Base 613	Trufast Versa-Fast Fasteners & Plate	Versa-Fast Plate 10-inch o.c. within the 5-inch wide, heat-welded side laps. Two (2) min. 2¼" long Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate, parallel to the width-direction of the sheet.	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0
LWC-123	Structural concrete	Treatment: Optional, Celcore S-1. LWC: Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 390 psi, Min. 2-inch top coat. Celcore PVA Curing Compound. Surfacing: Optional, Celcore SBS (Sanded Bonding Surface).	SOPRAPHIX Base 613	Trufast Versa-Fast Fasteners & Plate	Versa-Fast Plate 10-inch o.c. within the 5-inch wide, heat-welded side laps. Two (2) min. 2¼" long Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate, parallel to the width-direction of the sheet.	(Optional) One or two SBS-TAF	SBS-TAF	-45.0



**TABLE 12F: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED SOPRAPHIX, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	Deck (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			BASE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
LWC-124.	Structural concrete	Treatment: Optional when Vapor Barrier installed (Table VB-4), Celcore S-1. LWC: Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 390 psi, Min. 2-inch top coat. Celcore PVA Curing Compound. Surfacing: Optional, Celcore SBS (Sanded Bonding Surface).	SOPRAPHIX Base 622	Trufast Versa-Fast Fasteners & Plate	Versa-Fast Plate 10-inch o.c. within the 5-inch wide, heat-welded side laps. Four (4) min. 2¼" long Versa-Fast Fasteners installed into every-other hole of the Versa-Fast Plate, forming a square pattern with the square edges oriented in the principle directions of the roll.	None	SBS-CA3, SBS-CA4	-75.0
LWC-125.	Min. 20 ga., Type N or DR steel; 8 ft span	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 390 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAPHIX Base 622	Trufast Versa-Fast Fasteners & Plate	Versa-Fast Plate 10-inch o.c. within the 5-inch wide, heat-welded side laps. Four (4) min. 2¼" long Versa-Fast Fasteners installed into every-other hole of the Versa-Fast Plate, forming a square pattern with the square edges oriented in the principle directions of the roll.	None	SBS-CA3, SBS-CA4	-75.0
LWC-126.	Structural concrete	Treatment: Optional when Vapor Barrier installed (Table VB-4), Celcore S-1. LWC: Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 390 psi, Min. 2-inch top coat. Celcore PVA Curing Compound. Surfacing: Optional, Celcore SBS (Sanded Bonding Surface).	SOPRAPHIX Base 613	Trufast Versa-Fast Fasteners & Plate	Versa-Fast Plate 10-inch o.c. within the 5-inch wide, heat-welded side laps. Four (4) min. 2¼" long Versa-Fast Fasteners installed into every-other hole of the Versa-Fast Plate, forming a square pattern with the square edges oriented in the principle directions of the roll.	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-75.0
LWC-127.	Min. 20 ga., Type N or DR steel; 8 ft span	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 390 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAPHIX Base 613	Trufast Versa-Fast Fasteners & Plate	Versa-Fast Plate 10-inch o.c. within the 5-inch wide, heat-welded side laps. Four (4) min. 2¼" long Versa-Fast Fasteners installed into every-other hole of the Versa-Fast Plate, forming a square pattern with the square edges oriented in the principle directions of the roll.	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-75.0
LWC-128.	Structural concrete	Treatment: Optional when Vapor Barrier installed (Table VB-4), Celcore S-1. LWC: Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 390 psi, Min. 2-inch top coat. Celcore PVA Curing Compound. Surfacing: Optional, Celcore SBS (Sanded Bonding Surface).	SOPRAPHIX Base 613	Trufast Versa-Fast Fasteners & Plate	Versa-Fast Plate 10-inch o.c. within the 5-inch wide, heat-welded side laps. Four (4) min. 2¼" long Versa-Fast Fasteners installed into every-other hole of the Versa-Fast Plate, forming a square pattern with the square edges oriented in the principle directions of the roll.	(Optional) One or two SBS-TAF	SBS-TAF	-75.0
LWC-129.	Min. 20 ga., Type N or DR steel; 8 ft span	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 390 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAPHIX Base 613	Trufast Versa-Fast Fasteners & Plate	Versa-Fast Plate 10-inch o.c. within the 5-inch wide, heat-welded side laps. Four (4) min. 2¼" long Versa-Fast Fasteners installed into every-other hole of the Versa-Fast Plate, forming a square pattern with the square edges oriented in the principle directions of the roll.	(Optional) One or two SBS-TAF	SBS-TAF	-75.0



**TABLE 12F: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED SOPRAFIX, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	Deck (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSE)
			BASE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
LWC-130.	Min. 20 ga., Type N or DR steel; 8 ft span	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 660 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRALENE 250 Sanded	Tri-Fixx	6-inch o.c. within 5-inch wide laps. Fastener row sealed within side laps using COLPLY EF Adhesive at 50 lineal-ft/gallon.	None	SBS-CA3, SBS-CA4	-75.0
LWC-131.	Min. 20 ga., Type N or DR steel; 8 ft span	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 660 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAFIX Base 614	Tri-Fixx	6-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-75.0
LWC-132.	Min. 20 ga., Type N or DR steel; 8 ft span	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 660 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAFIX Base 613 or 614	Tri-Fixx	6-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-75.0
LWC-133.	Min. 22 ga. Type BV, Grade 40 steel; 6 ft span or structural concrete	Treatment: Celcore S-1. LWC: Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 660 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRALENE 250 Sanded	Tri-Fixx	6-inch o.c. within 5-inch wide laps. Fastener row sealed within side laps using COLPLY EF Adhesive at 50 lineal-ft/gallon.	None	SBS-CA3, SBS-CA4	-82.5
LWC-134.	Min. 22 ga. Type BV, Grade 40 steel; 6 ft span or structural concrete	Treatment: Celcore S-1. LWC: Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 660 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAFIX Base 614	Tri-Fixx	6-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-82.5
LWC-135.	Min. 22 ga. Type BV, Grade 40 steel; 6 ft span or structural concrete	Treatment: Celcore S-1. LWC: Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 660 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAFIX Base 614	Tri-Fixx	6-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-82.5
LWC-136.	Min. 22 ga. Type BV, Grade 40 steel; 5 ft span or structural concrete	Treatment: Celcore S-1. LWC: Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 460 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAFIX Base 613	Trufast Versa-Fast Fasteners & Plate	Versa-Fast Plate 10-inch o.c. within the 5-inch wide, heat-welded side laps. Four (4) min. 2¼" long Versa-Fast Fasteners installed into every-other hole of the Versa-Fast Plate, forming a square pattern with the square edges oriented in the principle directions of the roll.	(Optional) One or two SBS-TAF	SBS-TAF	-112.5 NO HVHZ
LWC-137.	Min. 22 ga. Type BV, Grade 40 steel; 5 ft span or structural concrete	Treatment: Celcore S-1. LWC: Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 460 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SOPRAFIX Base 613 or 614	Tri-Fixx	6-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-135.0 NO HVHZ
CONCRECEL:								
LWC-138.	Min. 22 ga. Type BV, Grade 80 steel; 5 ft span or structural concrete	Concrecel Concrete, Min. 200 psi, Min. 2.5-inch top coat	SOPRAFIX Base 622	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-37.5



**TABLE 12F: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED SOPRAFIX, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	Deck (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			BASE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
LWC-139.	Min. 22 ga. Type BV, Grade 80 steel; 5 ft span or structural concrete	Concrecel Concrete, Min. 200 psi, Min. 2.5-inch top coat	SOPRAFIX Base 613 or 614	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-37.5
LWC-140.	Min. 22 ga. Type BV, Grade 80 steel; 5 ft span or structural concrete	Concrecel Concrete, Min. 200 psi, Min. 2.5-inch top coat	SOPRAFIX Base 613 or 614	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-37.5
LWC-141.	Min. 22 ga. Type BV, Grade 80 steel; 5 ft span or structural concrete	Concrecel Concrete, Min. 200 psi, Min. 2.5-inch top coat	SOPRAFIX Base 622	Tri-Fixx	9-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-45.0
LWC-142.	Min. 22 ga. Type BV, Grade 80 steel; 5 ft span or structural concrete	Concrecel Concrete, Min. 200 psi, Min. 2.5-inch top coat	SOPRAFIX Base 613 or 614	Tri-Fixx	9-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0
LWC-143.	Min. 22 ga. Type BV, Grade 80 steel; 5 ft span or structural concrete	Concrecel Concrete, Min. 200 psi, Min. 2.5-inch top coat	SOPRAFIX Base 613 or 614	Tri-Fixx	9-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-45.0
LWC-144.	Min. 22 ga. Type BV, Grade 80 steel; 5 ft span or structural concrete	Concrecel Concrete, Min. 300 psi, Min. 2.25-inch top coat	SOPRAFIX Base 622	Tri-Fixx	7-inch o.c. within the 5-inch wide heat-welded side lap	None	SBS-CA3, SBS-CA4	-52.5
LWC-145.	Min. 22 ga. Type BV, Grade 80 steel; 5 ft span or structural concrete	Concrecel Concrete, Min. 300 psi, Min. 2.25-inch top coat	SOPRAFIX Base 613 or 614	Tri-Fixx	7-inch o.c. within the 5-inch wide heat-welded side lap	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-52.5
LWC-146.	Min. 22 ga. Type BV, Grade 80 steel; 5 ft span or structural concrete	Concrecel Concrete, Min. 300 psi, Min. 2.25-inch top coat	SOPRAFIX Base 613 or 614	Tri-Fixx	7-inch o.c. within the 5-inch wide heat-welded side lap	(Optional) One or two SBS-TAF	SBS-TAF	-52.5
ELASTIZELL:								
LWC-147.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 200 psi, Min. 2.5-inch top coat.	SOPRAFIX Base 622	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-37.5



**TABLE 12F: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED SOPRAPHIX, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	Deck (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			BASE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
LWC-148.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 200 psi, Min. 2.5-inch top coat.	SOPRAPHIX Base 613 or 614	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-37.5
LWC-149.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 200 psi, Min. 2.5-inch top coat.	SOPRAPHIX Base 613 or 614	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-37.5
LWC-150.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 200 psi, Min. 2.5-inch top coat.	SOPRAPHIX Base 622	Tri-Fixx	9-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-45.0
LWC-151.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 200 psi, Min. 2.5-inch top coat.	SOPRAPHIX Base 613 or 614	Tri-Fixx	9-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0
LWC-152.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 200 psi, Min. 2.5-inch top coat.	SOPRAPHIX Base 613 or 614	Tri-Fixx	9-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-45.0
LWC-153.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 300 psi, Min. 2-inch top coat.	SOPRAPHIX Base 622	Tri-Fixx	8-inch o.c. within 5-inch wide, heat-welded laps and 8-inch o.c. in one center row	None	SBS-CA3, SBS-CA4	-67.5
LWC-154.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 300 psi, Min. 2-inch top coat.	SOPRAPHIX Base 613 or 614	Tri-Fixx	8-inch o.c. within 5-inch wide, heat-welded laps and 8-inch o.c. in one center row	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-67.5
LWC-155.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Elastizell Lightweight Insulating Concrete, Min. 300 psi, Min. 2-inch top coat.	SOPRAPHIX Base 613 or 614	Tri-Fixx	8-inch o.c. within 5-inch wide, heat-welded laps and 8-inch o.c. in one center row	(Optional) One or two SBS-TAF	SBS-TAF	-67.5
MEARLCRETE:								
LWC-156.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Mearlcrete, Min. 200 psi, Min. 2.5-inch top coat	SOPRAPHIX Base 622	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-37.5



**TABLE 12F: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED SOPRAFIX, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	Deck (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSE)
			BASE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
LWC-157.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Mearlcrete, Min. 200 psi, Min. 2.5-inch top coat	SOPRAFIX Base 613 or 614	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-37.5
LWC-158.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Mearlcrete, Min. 200 psi, Min. 2.5-inch top coat	SOPRAFIX Base 613 or 614	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-37.5
LWC-159.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Mearlcrete, Min. 200 psi, Min. 2.5-inch top coat	SOPRAFIX Base 622	Tri-Fixx	9-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-45.0
LWC-160.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Mearlcrete, Min. 200 psi, Min. 2.5-inch top coat	SOPRAFIX Base 613 or 614	Tri-Fixx	9-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0
LWC-161.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Mearlcrete, Min. 200 psi, Min. 2.5-inch top coat	SOPRAFIX Base 613 or 614	Tri-Fixx	9-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-45.0
LWC-162.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Mearlcrete, Min. 250 psi, Min. 2-inch top coat	SOPRAFIX Base 622	Tri-Fixx	8-inch o.c. within 5-inch wide, heat-welded laps and 8-inch o.c. in one center row	None	SBS-CA3, SBS-CA4	-75.0
LWC-163.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Mearlcrete, Min. 250 psi, Min. 2-inch top coat	SOPRAFIX Base 613 or 614	Tri-Fixx	8-inch o.c. within 5-inch wide, heat-welded laps and 8-inch o.c. in one center row	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-75.0
LWC-164.	Min. 22 ga. Type BV, Grade 33 steel; 6 ft span or structural concrete	Mearlcrete, Min. 250 psi, Min. 2-inch top coat	SOPRAFIX Base 613 or 614	Tri-Fixx	8-inch o.c. within 5-inch wide, heat-welded laps and 8-inch o.c. in one center row	(Optional) One or two SBS-TAF	SBS-TAF	-75.0
PRE-EXISTENT CELLULAR LWC:								
LWC-165.	Min. 22 ga. Type B steel or structural concrete	Cellular lightweight concrete, Min. 300 psi, Min. 2-inch top coat <i>Note: Tri-Fixx fastener shall achieve an average withdrawal of 215 lbf when tested per (4.2.2)</i>	SOPRAFIX Base 622	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-45.0
LWC-166.	Min. 22 ga. Type B steel or structural concrete	Cellular lightweight concrete, Min. 300 psi, Min. 2-inch top coat <i>Note: Tri-Fixx fastener shall achieve an average withdrawal of 215 lbf when tested per (4.2.2)</i>	SOPRAFIX Base 613 or 614	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0



**TABLE 12f: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: LWC TO DECK, MECHANICALLY ATTACHED SOPRAPHIX, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	DECK (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			BASE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
LWC-167.	Min. 22 ga. Type B steel or structural concrete	Cellular lightweight concrete, Min. 300 psi, Min. 2-inch top coat <i>Note: Tri-Fixx fastener shall achieve an average withdrawal of 215 lbf when tested per (4.2.2)</i>	SOPRAPHIX Base 613 or 614	Tri-Fixx	10-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-45.0
LWC-168.	Min. 22 ga. Type B, Grade 40 steel or structural concrete	Cellular lightweight concrete, Min. 370 psi, Min. 2-inch top coat <i>Note: Tri-Fixx fastener shall achieve an average withdrawal of 193 lbf when tested per (4.2.2)</i>	SOPRALENE 250 Sanded	Tri-Fixx	6-inch o.c. within 5-inch wide laps. Fastener row sealed within side laps using COLPLY EF Adhesive at 50 lineal-ft/gallon.	None	SBS-CA3, SBS-CA4	-67.5
LWC-169.	Min. 22 ga. Type B, Grade 40 steel or structural concrete	Cellular lightweight concrete, Min. 370 psi, Min. 2-inch top coat <i>Note: Tri-Fixx fastener shall achieve an average withdrawal of 193 lbf when tested per (4.2.2)</i>	SOPRAPHIX Base 622	Tri-Fixx	6-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-67.5
LWC-170.	Min. 22 ga. Type B, Grade 40 steel or structural concrete	Cellular lightweight concrete, Min. 370 psi, Min. 2-inch top coat <i>Note: Tri-Fixx fastener shall achieve an average withdrawal of 193 lbf when tested per (4.2.2)</i>	SOPRAPHIX Base 613 or 614	Tri-Fixx	6-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-67.5
LWC-171.	Min. 22 ga. Type B, Grade 40 steel or structural concrete	Cellular lightweight concrete, Min. 370 psi, Min. 2-inch top coat <i>Note: Tri-Fixx fastener shall achieve an average withdrawal of 193 lbf when tested per (4.2.2)</i>	SOPRAPHIX Base 613 or 614	Tri-Fixx	6-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-67.5
LWC-172.	Min. 22 ga., Type BV, Grade 40 steel or structural concrete	Cellular lightweight concrete, Min. 500 psi, Min. 2-inch top coat. <i>Note: Tri-Fixx fastener shall achieve an average withdrawal of 158 lbf when tested per (4.2.2)</i>	SOPRALENE 250 Sanded	Tri-Fixx	8-inch o.c. within the 5-inch wide laps and 8-inch o.c. at one (1) center row. Fastener row within laps sealed using COLPLY EF Adhesive at 50 lineal-ft/gallon.	None	SBS-CA3	-82.5
LWC-173.	Min. 22 ga., Type BV, Grade 40 steel or structural concrete	Cellular lightweight concrete, Min. 500 psi, Min. 2-inch top coat. <i>Note: Tri-Fixx fastener shall achieve an average withdrawal of 158 lbf when tested per (4.2.2)</i>	SOPRAPHIX Base 622	Tri-Fixx	8-inch o.c. in the 5-inch wide, heat-welded side laps and 8-inch o.c. in one center row	None	SBS-CA3, SBS-CA4	-82.5
LWC-174.	Min. 22 ga., Type BV, Grade 40 steel or structural concrete	Cellular lightweight concrete, Min. 500 psi, Min. 2-inch top coat. <i>Note: Tri-Fixx fastener shall achieve an average withdrawal of 158 lbf when tested per (4.2.2)</i>	SOPRAPHIX Base 613 or 614	Tri-Fixx	8-inch o.c. in the 5-inch wide, heat-welded side laps and 8-inch o.c. in one center row	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-82.5
LWC-175.	Min. 22 ga., Type BV, Grade 40 steel or structural concrete	Cellular lightweight concrete, Min. 500 psi, Min. 2-inch top coat. <i>Note: Tri-Fixx fastener shall achieve an average withdrawal of 158 lbf when tested per (4.2.2)</i>	SOPRAPHIX Base 613 or 614	Tri-Fixx	8-inch o.c. in the 5-inch wide, heat-welded side laps and 8-inch o.c. in one center row	(Optional) One or two SBS-TAF	SBS-TAF	-82.5



**TABLE 12g: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE F: LWC TO DECK, BONDED ROOF COVER**

SYSTEM No.	Deck (4.1.2)	LIGHTWEIGHT CONCRETE (3.1.2)			ROOF COVER (3.1.4)				MDP (PSF)	
		PRIMER	TYPE	TREATMENT	PRIMER	BASE	PLY	CAP		
CELCORE:										
LWC-176.	Min. 22 ga., Type BV, Grade 40 steel; 6 ft span	None	Celcore Cellular Concrete, Min. 380 psi, Min. 2-inch top coat	None	(Optional) ASTM D41, ELASTOCOL 500, ELASTOCOL Stick	SBS-CA2, 6-inch o.c.	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-60.0	
LWC-177.	Min. 22 ga., Type BV, Grade 40 steel; 6 ft span or min. 20 ga., Type N or DR steel; 8 ft span	Celcore S-1 Deck Preparation Slurry	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 340 psi, Min. 2-inch top coat	Celcore PVA Curing Compound	None	SBS-CA2, 6-inch o.c.	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-60.0	
LWC-178.	Min. 20 ga., Type N or DR steel; 8 ft span	Celcore S-1 Deck Preparation Slurry	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 340 psi, Min. 2-inch top coat	Celcore PVA Curing Compound	None	SBS-CA2, 6-inch o.c.	(Optional) SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	-75.0	
LWC-179.	Min. 22 ga., Type BV, Grade 40 steel; 6 ft span	Celcore S-1 Deck Preparation Slurry	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 340 psi, Min. 2-inch top coat	Celcore PVA Curing Compound	None	SBS-CA2, 6-inch o.c.	(Optional) SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	-90.0	
CONCRECEL:										
LWC-180.	Min. 22 ga., Type BV, Grade 80 steel; 5 ft span	Concrecel Bonding Agent at 1200 ft ² /gal.	Concrecel Concrete, Min. 300 psi, min. 2.25-inch top coat	Concrecel Curing Compound	(Optional) ASTM D41, ELASTOCOL 500, ELASTOCOL Stick	SBS-CA2, 6-inch o.c.	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-60.0	
ELASTIZELL:										
LWC-181.	Min. 22 ga., Type BV, Grade 33 steel; 6 ft span	None	Elastizell Lightweight Insulating Concrete with Zell-Crete Fibers, Min. 710 psi, min. 2-inch top coat	None	(Optional) ASTM D41, ELASTOCOL 500, ELASTOCOL Stick	SBS-CA2, 6-inch o.c.	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-60.0	



TABLE 12H: LIGHTWEIGHT INSULATING CONCRETE OVER STEEL DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)										
SYSTEM TYPE F: THERMAL BARRIER TO DECK, VAPOR BARRIER TO THERMAL BARRIER, LWC TO VAPOR BARRIER, BONDED ROOF COVER										
SYSTEM No.	DECK (4.1.2)	THERMAL BARRIER			VAPOR BARRIER (3.1.4)	LIGHTWEIGHT CONCRETE (3.1.2)	ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH			BASE PLY	PLY	CAP PLY	
CELCORE:										
LWC-182.	Min. 22 ga. Type B, Grade 33 steel; 6 ft span	Min. 0.625-inch DensDeck Prime	SOPREMA #14 Fastener or SOPREMA #14 MP Fastener with SOPREMA 3 in. Insulation Plate or SOPREMA 3" Metal Insulation Plate	1 per 1.8 ft ²	SBS-TAF (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 340 psi, Min. 2-inch top coat. Celcore PVA Curing Compound.	SBS-CA2, 6-inch o.c.	(Optional) SBS-TAF	SBS-TAF	-82.5

TABLE 12I: LIGHTWEIGHT INSULATING CONCRETE OVER STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION										
SYSTEM TYPE F: LWC TO DECK OR TO TEMPORARY ROOF, BONDED ROOF COVER										
REFER TO TABLE VB-4 FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC										
SYSTEM No.	DECK (4.1.2)	VAPOR BARRIER (3.1.4)	LIGHTWEIGHT CONCRETE (3.1.2)		ROOF COVER (3.1.4)				MDP (PSF)	
			TYPE	SURFACE TREATMENT	PRIMER	BASE	PLY	CAP		
CELCORE:										
LWC-183.	Structural Concrete	Table VB-4	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi or Celcore Cellular Concrete, Min. 380 psi, Min. 2-inch top coat.	Celcore PVA Curing Compound	(Optional) ASTM D41, ELASTOCOL 500, ELASTOCOL Stick	SBS-CA2, 6-inch o.c.	(Optional) SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-60.0	
LWC-184.	Structural Concrete	Table VB-4	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat	Celcore PVA Curing Compound	ASTM D41	SBS-TAF	(Optional) SBS-TAF	SBS-TAF	-262.5	
LWC-185.	Structural Concrete (primed)	SBS-TAF (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 300 psi, Min. 2-inch top coat	Celcore PVA Curing Compound	ASTM D41	SBS-TAF	(Optional) SBS-TAF	SBS-TAF	-360.0	
LWC-186.	Structural Concrete	None	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 330 psi, Min. 2-inch top coat	Celcore PVA Curing Compound	None	SBS-CA2, 6-inch o.c.	(Optional) SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	-180.0	
LWC-187.	Structural Concrete (primed)	SBS-TAF (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 330 psi, Min. 2-inch top coat	Celcore PVA Curing Compound	None	SBS-CA2, 6-inch o.c.	(Optional) SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	-180.0	
LWC-188.	Structural Concrete	None	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 330 psi, Min. 2-inch top coat	Celcore PVA Curing Compound	None	SBS-CA3	(Optional) SBS-CA4	SBS-CA4	-382.5	
LWC-189.	Structural Concrete (primed)	SBS-TAF (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 330 psi, Min. 2-inch top coat	Celcore PVA Curing Compound	None	SBS-CA3	(Optional) SBS-CA4	SBS-CA4	-382.5	



**TABLE 12: LIGHTWEIGHT INSULATING CONCRETE OVER STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION
SYSTEM TYPE F: LWC TO DECK OR TO TEMPORARY ROOF, BONDED ROOF COVER**

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM No.	DECK (4.1.2)	VAPOR BARRIER (3.1.4)	LIGHTWEIGHT CONCRETE (3.1.2)		ROOF COVER (3.1.4)				MDP (psf)	
			TYPE	SURFACE TREATMENT	PRIMER	BASE	PLY	CAP		
LWC-190.	Structural Concrete	None	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 330 psi, Min. 2-inch top coat	Celcore PVA Curing Compound	None	SBS-CA3	(Optional) SBS-CA3, SBS-AA or SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-445.0	
LWC-191.	Structural Concrete (primed)	SBS-TAF (sanded top)	Celcore MF with Celcore HS Rheology Modifying Admixture, Min. 330 psi, Min. 2-inch top coat	Celcore PVA Curing Compound	None	SBS-CA3	(Optional) SBS-CA3, SBS-AA or SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-445.0	
CONCRECEL:										
LWC-192.	Structural Concrete	(Optional) Asphaltic plies with asphalt flood coat	Concrecel Bonding Agent followed by Concrecel Concrete, Min. 300 psi, Min. 2-inch top coat	Concrecel Curing Comp	(Optional) ASTM D41, ELASTOCOL 500, ELASTOCOL Stick	SBS-CA2, 6-inch o.c.	(Optional) SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-60.0	
LWC-193.	Structural concrete	None	Concrecel Concrete, Min. 340 psi, Min. 2-inch top coat	None	None	SBS-CA3	(Optional) SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	-127.5	
ELASTIZELL:										
LWC-194.	Structural Concrete	Table VB-4	Elastizell Lightweight Insulating Concrete, Min. 300 psi, Min. 2-inch top coat.	None	(Optional) ASTM D41, ELASTOCOL 500, ELASTOCOL Stick	SBS-CA2, 6-inch o.c.	(Optional) SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-60.0	
PRE-EXISTENT CELLULAR LWC:										
LWC-195.	Structural Concrete	Table VB-4	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	None	None	SBS-CA2, 6-inch o.c.	(Optional) SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-60.0	
LWC-196.	Structural Concrete	None	Cellular lightweight concrete, Min. 350 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	None	None	SBS-CA2, 6-inch o.c.	(Optional) SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	-180.0	
LWC-197.	Structural Concrete (primed)	SBS-TAF (sanded top)	Cellular lightweight concrete, Min. 350 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	None	None	SBS-CA2, 6-inch o.c.	(Optional) SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA or SBS-TAF	-180.0	
LWC-198.	Structural Concrete	None	Cellular lightweight concrete, Min. 400 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener shall achieve an average withdrawal of 156 lbf when tested per (4.2.2)</i>	None	None	SBS-CA3	(Optional) SBS-CA3, SBS-AA or SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-270.0	



TABLE 12: LIGHTWEIGHT INSULATING CONCRETE OVER STRUCTURAL CONCRETE DECKS – NEW CONSTRUCTION
SYSTEM TYPE F: LWC TO DECK OR TO TEMPORARY ROOF, BONDED ROOF COVER

REFER TO [TABLE VB-4](#) FOR VAPOR BARRIER OPTIONS BETWEEN THE DECK AND THE LWC

SYSTEM NO.	DECK (4.1.2)	VAPOR BARRIER (3.1.4)	LIGHTWEIGHT CONCRETE (3.1.2)		ROOF COVER (3.1.4)				MDP (PSF)
			TYPE	SURFACE TREATMENT	PRIMER	BASE	PLY	CAP	
LWC-199.	Structural Concrete (primed)	SBS-TAF (sanded top)	Cellular lightweight concrete, Min. 400 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener shall achieve an average withdrawal of 156 lbf when tested per (4.2.2)</i>	None	None	SBS-CA3	(Optional) SBS-CA3, SBS-AA or SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-300.0

TABLE 13A: CEMENTITIOUS WOOF FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER

REFER TO [TABLE VB-5](#) 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	CAP	
COLD APPLIED BASE PLY:									
CWF-1.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-285.0
CWF-2.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-190.0
CWF-3.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK, 6-inch o.c.	SBS-CA3, SBS-CA4	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-285.0
CWF-4.	Min. 2-inch Tectum Plank	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK, 4-inch o.c.	None	N/A	SBS-CA3, SBS-CA4	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-285.0
CWF-5.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-163.0
CWF-6.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 6-inch o.c.	SBS-CA3, SBS-CA4	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-185.0
CWF-7.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	None	N/A	SBS-CA3, SBS-CA4	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-185.0
CWF-8.	Min. 2-inch Tectum Plank	(Optional) Min. 0.5-inch ACFoam II, ACFoam III, H-Shield or Multi-Max FA3	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-75.0



**TABLE 13A: CEMENTITIOUS WOOF FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-5](#) 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	CAP	
CFW-9.	Min. 2-inch Tectum Plank	Min. 0.125-inch SOPRABOARD	DUOTACK 365 or DUOTACK SPF HFO, 6-inch o.c.	None	N/A	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-272.5
CFW-10.	Min. 2-inch Tectum Plank	SOPRASMART Board 180 Sanded	DUOTACK 365 or DUOTACK SPF HFO, 6-inch o.c.	None	N/A	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-272.5
CFW-11.	Min. 2-inch Tectum Plank	Min. 0.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365 or DUOTACK SPF HFO, 6-inch o.c.	Min. 0.125-inch SOPRABOARD	DUOTACK 365 or DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-272.5
CFW-12.	Min. 2-inch Tectum Plank	Min. 0.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365 or DUOTACK SPF HFO, 6-inch o.c.	SOPRASMART Board 180 Sanded	DUOTACK 365 or DUOTACK SPF HFO	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-272.5
HOT- OR TORCH-APPLIED BASE PLY:									
CFW-13.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-TAP	(Optional) BP-AA, SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-150.0
CFW-14.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 0.125-inch SOPRABOARD	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-285.0
CFW-15.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	SBS-AA, SBS-TAF	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF	-190.0
CFW-16.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK, 6-inch o.c.	SBS-AA, SBS-TAF	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF	-285.0
CFW-17.	Min. 2-inch Tectum Plank	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK, 4-inch o.c.	None	N/A	SBS-AA, SBS-TAF	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF	-285.0
CFW-18.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK	SBS-AA, SBS-TAF	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF	-163.0



**TABLE 13A: CEMENTITIOUS WOOF FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-5](#) 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	CAP	
CWF-19.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 6-inch o.c.	SBS-AA, SBS-TAF	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF	-185.0
CWF-20.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	None	N/A	SBS-AA, SBS-TAF	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF	-185.0
CWF-21.	Min. 2-inch Tectum Plank	(Optional) Min. 0.5-inch ACFoam II, ACFoam III, H-Shield or Multi-Max FA3	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	SBS-AA, SBS-TAF	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF	-75.0
CWF-22.	Min. 2-inch Tectum Plank	Min. 0.125-inch SOPRABOARD	DUOTACK 365 or DUOTACK SPF HFO, 6-inch o.c.	None	N/A	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-272.5
CWF-23.	Min. 2-inch Tectum Plank	SOPRASMART Board 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 (for torched Base or Cap Ply)	DUOTACK 365 or DUOTACK SPF HFO, 6-inch o.c.	None	N/A	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-272.5
CWF-24.	Min. 2-inch Tectum Plank	Min. 0.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365 or DUOTACK SPF HFO, 6-inch o.c.	Min. 0.125-inch SOPRABOARD	DUOTACK 365 or DUOTACK SPF HFO	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-272.5
CWF-25.	Min. 2-inch Tectum Plank	Min. 0.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365 or DUOTACK SPF HFO, 6-inch o.c.	SOPRASMART Board 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 (for torched Base or Cap Ply)	DUOTACK 365 or DUOTACK SPF HFO	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-272.5
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:									
CWF-26.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-150.0
CWF-27.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-AA or SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA or SBS-SA1	-270.0
CWF-28.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-285.0



**TABLE 13A: CEMENTITIOUS WOOF FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-5](#) 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	CAP	
CFW-29.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-190.0
CFW-30.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 6-inch o.c.	SBS-SA1	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-285.0
CFW-31.	Min. 2-inch Tectum Plank	Min. 7/16-inch DEXcell Cement Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 4-inch o.c.	None	N/A	SBS-SA1	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-285.0
CFW-32.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-163.0
CFW-33.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 6-inch o.c.	SBS-SA1	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-185.0
CFW-34.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 4-inch o.c.	None	N/A	SBS-SA1	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-185.0
CFW-35.	Min. 2-inch Tectum Plank	(Optional) Min. 0.5-inch ACFoam II, ACFoam III, H-Shield or Multi-Max FA3	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-75.0
CFW-36.	Min. 2-inch Tectum Plank	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK 365 or DUOTACK SPF HFO, 6-inch o.c.	None	N/A	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-270.0
CFW-37.	Min. 2-inch Tectum Plank	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK 365 or DUOTACK SPF HFO, 6-inch o.c.	None	N/A	(Optional) SBS-SA1	None	SBS-SA1	-270.0



**TABLE 13A: CEMENTITIOUS WOOF FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-5](#) 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	CAP	
CFW-38.	Min. 2-inch Tectum Plank	Min. 0.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365 or DUOTACK SPF HFO, 6-inch o.c.	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK 365 or DUOTACK SPF HFO	SBS-SA1	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	-270.0
CFW-39.	Min. 2-inch Tectum Plank	Min. 0.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK 365 or DUOTACK SPF HFO, 6-inch o.c.	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK 365 or DUOTACK SPF HFO	(Optional) SBS-SA1	None	SBS-SA1	-270.0
ELASTOPHENE ULTRA-STICK OR SOPRALENE ULTRA-STICK BASE PLY:									
CFW-40.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-270.0
CFW-41.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-190.0
CFW-42.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 6-inch o.c.	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-285.0
CFW-43.	Min. 2-inch Tectum Plank	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK, 4-inch o.c.	None	N/A	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-285.0
CFW-44.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-163.0
CFW-45.	Min. 2-inch Tectum Plank	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 4-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 6-inch o.c.	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-185.0
CFW-46.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	None	N/A	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-185.0
CFW-47.	Min. 2-inch Tectum Plank	(Optional) Min. 0.5-inch ACFoam II, ACFoam III, H-Shield or Multi-Max FA3	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-75.0



NEMO|cert.

TABLE 13B: CEMENTITIOUS WOOF FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION, BONDED ROOF COVER

SYSTEM NO.	DECK (4.1.2)	THERMAL BARRIER		PRIMER	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)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
COLD APPLIED BASE PLY:													
CWF-48.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	None	SBS-CA3, SBS-AA or SBS-TAF	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-163.0
CWF-49.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R, self-adhering or SBS-SA1	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-163.0
CWF-50.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	None	SBS-CA3, SBS-AA or SBS-TAF	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 6-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK, 6-inch o.c.	SBS-CA3, SBS-CA4	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-185.0
CWF-51.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R, self-adhering or SBS-SA1	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 6-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK, 6-inch o.c.	SBS-CA3, SBS-CA4	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF	-185.0
HOT- OR TORCH-APPLIED BASE PLY:													
CWF-52.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	None	SBS-CA3, SBS-AA or SBS-TAF	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	SBS-AA, SBS-TAF	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF	-163.0
CWF-53.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R, self-adhering or SBS-SA1	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	SBS-AA, SBS-TAF	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF	-163.0
CWF-54.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	None	SBS-CA3, SBS-AA or SBS-TAF	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 6-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK, 6-inch o.c.	SBS-AA, SBS-TAF	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF	-185.0



**TABLE 13B: CEMENTITIOUS WOOF FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
 SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION, BONDED ROOF COVER**

SYSTEM No.	DECK (4.1.2)	THERMAL BARRIER		PRIMER	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)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
CWF-55.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R, self-adhering or SBS-SA1	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 6-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK, 6-inch o.c.	SBS-AA, SBS-TAF	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF	-185.0
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:													
CWF-56.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	None	SBS-CA3, SBS-AA or SBS-TAF	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-163.0
CWF-57.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R, self-adhering or SBS-SA1	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-163.0
CWF-58.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	None	SBS-CA3, SBS-AA or SBS-TAF	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 6-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 6-inch o.c.	SBS-SA1	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-185.0
CWF-59.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R, self-adhering or SBS-SA1	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 6-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 6-inch o.c.	SBS-SA1	(Optional) SBS-CA4, SBS-AA, SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-185.0
ELASTOPHENE ULTRA-STICK OR SOPRALENE ULTRA-STICK BASE PLY:													
CWF-60.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	None	SBS-CA3, SBS-AA or SBS-TAF	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-163.0



TABLE 13b: CEMENTITIOUS WOOF FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)													
SYSTEM TYPE A-3: BONDED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION, BONDED ROOF COVER													
SYSTEM No.	DECK (4.1.2)	THERMAL BARRIER		PRIMER	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)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
CWF-61.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R, self-adhering or SBS-SA1	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-163.0
CWF-62.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	None	SBS-CA3, SBS-AA or SBS-TAF	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 6-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 6-inch o.c.	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-185.0
CWF-63.	Min. 2-inch Tectum Plank	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK, 4-inch o.c.	ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	SOPRAVAP'R, self-adhering or SBS-SA1	Min. 1.5-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	DUOTACK, 6-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 6-inch o.c.	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-185.0

TABLE 13c: CEMENTITIOUS WOOF FIBER DECKS – REROOF (TEAR-OFF)													
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER													
SYSTEM No.	DECK (4.1.2)	ANCHOR SHEET			BASE INSULATION		TOP INSULATION		ROOF COVER (3.1.4)			MDP (PSF)	
		TYPE	FASTEN (4.2.2)	ATTACH	TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP		
COLD APPLIED BASE PLY:													
CWF-64.	Min. 2-inch Tectum Plank	MODIFIED SOPRA G, SOPRA 4897	Min. 1.8-inch Twin Loc-Nail	9-inch o.c. at 3-inch laps and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch ACFoam II or H-Shield	hot asphalt	(Optional) Min. 0.25-inch DensDeck Prime	hot asphalt	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-30.0*	
CWF-65.	Min. 2-inch Tectum Plank	MODIFIED SOPRA G, SOPRA 4897	Min. 1.8-inch Twin Loc-Nail	9-inch o.c. at 3-inch laps and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch ACFoam II or H-Shield	DUOTACK	(Optional) Min. 0.25-inch DensDeck Prime	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-30.0*	
HOT OR TORCH APPLIED BASE PLY:													
CWF-66.	Min. 2-inch Tectum Plank	MODIFIED SOPRA G, SOPRA 4897	Min. 1.8-inch Twin Loc-Nail	9-inch o.c. at 3-inch laps and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch ACFoam II or H-Shield	hot asphalt	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating or min. 0.25-inch DensDeck or DensDeck Prime	hot asphalt	BP-AA or SBS-AA	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-30.0*	



TABLE 13c: CEMENTITIOUS WOOF FIBER DECKS – REROOF (TEAR-OFF)

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

SYSTEM No.	DECK (4.1.2)	ANCHOR SHEET			BASE INSULATION		TOP INSULATION		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTEN (4.2.2)	ATTACH	TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
CFW-67.	Min. 2-inch Tectum Plank	MODIFIED SOPRA G, SOPRA 4897	Min. 1.8-inch Twin Loc-Nail	9-inch o.c. at 3-inch laps and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	hot asphalt	Min. 0.25-inch DensDeck or DensDeck Prime	hot asphalt	SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-30.0*
CFW-68.	Min. 2-inch Tectum Plank	SOPRABASE S, SOPRALENE 180 Sanded 2.2 or SELECT SBS POLY SANDED	Min. 1.8-inch Twin Loc-Nail	6-inch o.c. at 4-inch laps and 6-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	hot asphalt	Min. 0.125-inch SOPRABOARD or min. 0.25-inch DensDeck. Optional ELASTOCOL 500, ELASTOCOL Stick.	hot asphalt	BP-AA, SBS-AA, SBS-TAP or SBS-TAF	(Optional) SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-60.0
CFW-69.	Min. 2-inch Tectum Plank	MODIFIED SOPRA G, SOPRA 4897	Min. 1.8-inch Twin Loc-Nail	9-inch o.c. at 3-inch laps and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	DUOTACK	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating or min. 0.25-inch DensDeck or DensDeck Prime	DUOTACK	BP-AA or SBS-AA	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-30.0*
CFW-70.	Min. 2-inch Tectum Plank	MODIFIED SOPRA G, SOPRA 4897	Min. 1.8-inch Twin Loc-Nail	9-inch o.c. at 3-inch laps and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	DUOTACK	Min. 0.25-inch DensDeck or DensDeck Prime	DUOTACK	SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-30.0*
CFW-71.	Min. 2-inch Tectum Plank	SOPRABASE S, SOPRALENE 180 Sanded 2.2 or SELECT SBS POLY SANDED	Min. 1.8-inch Twin Loc-Nail	6-inch o.c. at 4-inch laps and 6-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	DUOTACK, 6-inch o.c.	Min. 0.125-inch SOPRABOARD or min. 0.25-inch DensDeck. Optional ELASTOCOL 500, ELASTOCOL Stick.	DUOTACK	BP-AA, SBS-AA, SBS-TAP or SBS-TAF	(Optional) SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-45.0
CFW-72.	Min. 2-inch Tectum Plank	SOPRABASE S, SOPRALENE 180 Sanded 2.2 or SELECT SBS POLY SANDED	Min. 1.8-inch Twin Loc-Nail	6-inch o.c. at 4-inch laps and 6-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	DUOTACK, 6-inch o.c.	SOPRASMART Board 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAP, SBS-TAF	None	SBS-AA or SBS-TAF	-45.0
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:												
CFW-73.	Min. 2-inch Tectum Plank	MODIFIED SOPRA G, SOPRA 4897	Min. 1.8-inch Twin Loc-Nail	9-inch o.c. at 3-inch laps and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	hot asphalt	Min. 0.25-inch DensDeck primed with D41 primer, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC or DensDeck Prime	hot asphalt	SBS-SA1	(Optional) SBS-CA4, SBS-AA or SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-30.0*
CFW-74.	Min. 2-inch Tectum Plank	SOPRABASE S, SOPRALENE 180 Sanded 2.2 or SELECT SBS POLY SANDED	Min. 1.8-inch Twin Loc-Nail	6-inch o.c. at 4-inch laps and 6-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	hot asphalt	Min. 0.125-inch SOPRABOARD or min. 0.25-inch DensDeck. Top surface shall be primed with ELASTOCOL 500, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	hot asphalt	SBS-SA1	(Optional) SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-60.0



TABLE 13C: CEMENTITIOUS WOOF FIBER DECKS – REROOF (TEAR-OFF)												
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER												
SYSTEM No.	DECK (4.1.2)	ANCHOR SHEET			BASE INSULATION		TOP INSULATION		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTEN (4.2.2)	ATTACH	TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
CWF-75.	Min. 2-inch Tectum Plank	MODIFIED SOPRA G, SOPRA 4897	Min. 1.8-inch Twin Loc-Nail	9-inch o.c. at 3-inch laps and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	DUOTACK	Min. 0.25-inch DensDeck primed with D41 primer, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC or DensDeck Prime	DUOTACK	SBS-SA1	(Optional) SBS-CA4, SBS-AA or SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-30.0*
CWF-76.	Min. 2-inch Tectum Plank	SOPRABASE S, SOPRALENE 180 Sanded 2.2 or SELECT SBS POLY SANDED	Min. 1.8-inch Twin Loc-Nail	6-inch o.c. at 4-inch laps and 6-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	DUOTACK, 6-inch o.c.	Min. 0.125-inch SOPRABOARD or min. 0.25-inch DensDeck. Top surface shall be primed with ELASTOCOL 500, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 6-inch o.c.	SBS-SA1	(Optional) SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-45.0
CWF-77.	Min. 2-inch Tectum Plank	SOPRABASE S, SOPRALENE 180 Sanded 2.2 or SELECT SBS POLY SANDED	Min. 1.8-inch Twin Loc-Nail	6-inch o.c. at 4-inch laps and 6-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	DUOTACK, 6-inch o.c.	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 6-inch o.c.	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-45.0
ELASTOPHENE ULTRA-STICK OR SOPRALENE ULTRA-STICK BASE PLY:												
CWF-78.	Min. 2-inch Tectum Plank	SOPRABASE S, SOPRALENE 180 Sanded 2.2 or SELECT SBS POLY SANDED	Min. 1.8-inch Twin Loc-Nail	6-inch o.c. at 4-inch laps and 6-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	DUOTACK, 6-inch o.c.	Min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK, 6-inch o.c.	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0

TABLE 13D: CEMENTITIOUS WOOF FIBER DECKS – REROOF (TEAR-OFF) OR RECOVER										
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)	
			TYPE	FASTENER (4.2.2)	ATTACH (3.1.2.E)	BASE	PLY	CAP		
COLD APPLIED BASE PLY:										
CWF-79.	Min. 2-inch Tectum Plank	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	OMG Polymer GypTec fastener & plate	1 per 2.6 ft ²	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-30.0*	
CWF-80.	Min. 2-inch Tectum Plank	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	OMG Polymer GypTec fastener & plate	1 per 2.0 ft ²	SBS-CA3, SBS-CA4	(Optional) SBS-CA4	SBS-CA3, SBS-CA4	-45.0*	
HOT OR TORCH APPLIED BASE PLY:										
CWF-81.	Min. 2-inch Tectum Plank	One or more layers, any combination, loose laid	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating	OMG Polymer GypTec fastener & plate	1 per 2.0 ft ²	BP-AA or SBS-AA	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-30.0*	
CWF-82.	Min. 2-inch Tectum Plank	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck or DensDeck Prime	OMG Polymer GypTec fastener & plate	1 per 2.6 ft ²	BP-AA, SBS-AA, SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-30.0*	



TABLE 13D: CEMENTITIOUS WOOD FIBER DECKS – REROOF (TEAR-OFF) OR RECOVER									
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
SYSTEM NO.	DECK (4.1.2)	BASE INSULATION LAYER(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	FASTENER (4.2.2)	ATTACH (3.1.2.E)	BASE	PLY	CAP	
CWF-83.	Min. 2-inch Tectum Plank	One or more layers, any combination, loose laid	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating	OMG Polymer GypTec fastener & plate	1 per 1.3 ft ²	BP-AA or SBS-AA	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-45.0*
CWF-84.	Min. 2-inch Tectum Plank	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck or DensDeck Prime	OMG Polymer GypTec fastener & plate	1 per 2.0 ft ²	BP-AA, SBS-AA, SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-45.0*
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:									
CWF-85.	Min. 2-inch Tectum Plank	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck primed with D41 primer, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC or DensDeck Prime	OMG Polymer GypTec fastener & plate	1 per 2.6 ft ²	SBS-SA1	(Optional) SBS-CA4, SBS-AA or SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-30.0*
CWF-86.	Min. 2-inch Tectum Plank	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck primed with D41 primer, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC or DensDeck Prime	OMG Polymer GypTec fastener & plate	1 per 2.0 ft ²	SBS-SA1	(Optional) SBS-CA4, SBS-AA or SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-45.0*

TABLE 13E: CEMENTITIOUS WOOD FIBER DECKS – REROOF (TEAR-OFF) OR RECOVER									
SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER									
SYSTEM NO.	DECK (4.1.2)	INSULATION (3.1.2)	BASE SHEET			ROOF COVER (3.1.4)		MDP (PSF)	
			BASE	FASTENER (4.2.2)	SPACING	PLY	CAP		
CWF-87.	Min. 2-inch Tectum Plank	One or more layers, any combination	SOPRABASE S, SOPRALENE 180 Sanded 2.2 or SELECT SBS POLY SANDED	Twin Loc-Nail, min. 1.3-inch embedment	6-inch o.c. at 4-inch laps and 6-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-AA, SBS-TAF or SBS-SA1	SBS-AA, SBS-TAF or SBS-SA1	-60.0	
CWF-88.	Min. 2-inch Tectum Plank	One or more layers, any combination	SOPRALENE 180 Sanded 2.2 or SELECT SBS POLY SANDED	Twin Loc-Nail, min. 1.3-inch embedment	6-inch o.c. at 4-inch laps and 6-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-CA4	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-60.0	

TABLE 13F: CEMENTITIOUS WOOD FIBER DECKS – REROOF (TEAR-OFF) OR RECOVER									
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER									
SYSTEM NO.	DECK (4.1.2)	BASE SHEET			ROOF COVER (3.1.4)		MDP (PSF)		
		BASE	FASTENER (4.2.2)	SPACING	BASE PLY	CAP			
CWF-89.	Min. 2-inch Tectum Plank	SOPRABASE S, SOPRALENE 180 Sanded 2.2 or SELECT SBS POLY SANDED	Twin Loc-Nail, min. 1.3-inch embedment	6-inch o.c. at 4-inch laps and 6-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-AA, SBS-TAF or SBS-SA1	SBS-AA, SBS-TAF or SBS-SA1	-60.0		
CWF-90.	Min. 2-inch Tectum Plank	SOPRALENE 180 Sanded 2.2 or SELECT SBS POLY SANDED	Twin Loc-Nail, min. 1.3-inch embedment	6-inch o.c. at 4-inch laps and 6-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-CA4	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-60.0		



TABLE 14a: GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER
REFER TO [TABLE VB-6](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (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	CAP	
COLD APPLIED BASE PLY:									
G-1.	Existing gypsum deck	Min. 1.5-inch ACFoam II, ENRGY 3 or H-Shield	DUOTACK	(Optional) Additional layers of base insulation	DUOTACK	SBS-CA2, 12-inch o.c.	(Optional) SBS-CA3, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA3, SBS-AA, SBS-TAF or SBS-SA1	-67.5
G-2.	Existing gypsum deck	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-115.0
G-3.	Existing gypsum deck	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	SOPRASMART XP HD 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-52.5
G-4.	Existing gypsum deck	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	SOPRASMART Board 180 Sanded or SOPRASMART ISO HD 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-162.5
G-5.	Existing gypsum deck	(Optional) Min. 1.4-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch DensDeck Prime	DUOTACK	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-60.0
G-6.	Existing gypsum deck	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch DensDeck Prime	DUOTACK	SBS-CA3	None	SBS-CA3	-162.5
G-7.	Existing gypsum deck	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-105.0
G-8.	Existing gypsum deck	(Optional) Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-CA3	None	SBS-CA3	-152.5
G-9.	Existing gypsum deck	(Optional) Min. 2-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-CA3	None	SBS-CA3	-162.5
G-10.	Existing gypsum deck	Min. 1.5-inch, min. 1.5 pcf Insulfoam II Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	SBS-CA3	(Optional) SBS-CA3	SBS-CA3	-180.0



TABLE 14a: GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER

REFER TO [TABLE VB-6](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (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	CAP	
G-11.	Existing gypsum deck	Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	SBS-CA3	(Optional) SBS-CA3	SBS-CA3	-240.0
G-12.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	None	N/A	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-245.0
G-13.	Existing gypsum deck	Min. 0.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-257.5
HOT OR TORCH APPLIED BASE PLY:									
G-14.	Existing gypsum deck	(Optional) Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	BP-AA, SBS-AA, SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-152.5
G-15.	Existing gypsum deck	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	BP-AA, SBS-AA, SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-155.0
G-16.	Existing gypsum deck	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	SOPRASMART XP HD 180 Sanded (for AA Base or Cap Ply) or SOPRASMART XP HD 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) SBS-TAP, SBS-TAF	None	SBS-AA or SBS-TAF	-52.5
G-17.	Existing gypsum deck	(Optional) Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	SOPRASMART Board 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAP, SBS-TAF	None	SBS-AA or SBS-TAF	-152.5
G-18.	Existing gypsum deck	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	SOPRASMART Board 180 Sanded or SOPRASMART ISO HD 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 or SOPRASMART ISO HD 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAP, SBS-TAF	None	SBS-AA or SBS-TAF	-162.5
G-19.	Existing gypsum deck	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch DensDeck	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-162.5
G-20.	Existing gypsum deck	(Optional) Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-152.5



TABLE 14a: GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER

REFER TO [TABLE VB-6](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (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	CAP	
G-21.	Existing gypsum deck	(Optional) Min. 2-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-162.5
G-22.	Existing gypsum deck	Min. 1.5-inch, min. 1.5 pcf Insulfoam II Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-180.0
G-23.	Existing gypsum deck	Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-240.0
G-24.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	None	N/A	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-245.0
G-25.	Existing gypsum deck	Min. 0.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-257.5
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:									
G-26.	Existing gypsum deck	(Optional) Min. 1.5-inch, min. 1.25 pcf, Insulfoam or Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3.	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-150.0
G-27.	Existing gypsum deck	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-152.5
G-28.	Existing gypsum deck	(Optional) Min. 2-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-162.5
G-29.	Existing gypsum deck	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1	-152.5
G-30.	Existing gypsum deck	(Optional) Min. 2-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1	-162.5



**TABLE 14a: GYPSUM DECKS – REROOF (TEAR-OFF)
 SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE VB-6](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (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	CAP	
G-31.	Existing gypsum deck	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 7/16-inch DEXcell Cement Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-152.5
G-32.	Existing gypsum deck	(Optional) Min. 2-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 7/16-inch DEXcell Cement Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-162.5
G-33.	Existing gypsum deck	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.25-inch DensDeck Prime primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-152.5
G-34.	Existing gypsum deck	(Optional) Min. 2-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch DensDeck Prime primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-162.5
G-35.	Existing gypsum deck	(Optional) Min. 1.5-inch, min. 1.25 pcf, Insulfoam or Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-120.0
G-36.	Existing gypsum deck	Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-152.5
G-37.	Existing gypsum deck	(Optional) Min. 2-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-TAF, SBS-SA1	-162.5
G-38.	Existing gypsum deck	Min. 1.5-inch, min. 1.5 pcf Insulfoam II Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-180.0
G-39.	Existing gypsum deck	Min. 1.5-inch, min. 1.5 pcf Insulfoam II Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-180.0



TABLE 14A: GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER

REFER TO [TABLE VB-6](#) FOR VAPOR BARRIER OPTIONS

SYSTEM No.	DECK (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	CAP	
G-40.	Existing gypsum deck	(Optional) Min. 0.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Ultra-Max or Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-190.0
G-41.	Existing gypsum deck	(Optional) Min. 0.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG or Ultra-Max or Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-SA1 or SBS-TAF	-215.0
G-42.	Existing gypsum deck	Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-240.0
G-43.	Existing gypsum deck	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	None	N/A	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-245.0
G-44.	Existing gypsum deck	Min. 0.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-257.5

TABLE 14B: GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE A-1: VAPOR BARRIER TO DECK, BONDED INSULATION, BONDED ROOF COVER

SYSTEM No.	DECK (4.1.2, 4.2.2)	VAPOR BARRIER (3.1.4)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE INSULATION LAYER		COVERBOARD		ROOF COVER (3.1.4)			MDP (PSF)
				TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
COLD APPLIED BASE PLY:											
G-45.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-CA3	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0



NEMO EVALUATIONS REPORT

Report No.: NER-SOP-004.A.R3
Revision 3: 2025-04-07
Page 161 of 185

SOPREMA, Inc.
FL3915-R39



ISO/IEC 17065 PCA-145

NEMO|cert.

TABLE 14B: GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE A-1: VAPOR BARRIER TO DECK, BONDED INSULATION, BONDED ROOF COVER

SYSTEM No.	DECK (4.1.2, 4.2.2)	VAPOR BARRIER (3.1.4)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE INSULATION LAYER		COVERBOARD		ROOF COVER (3.1.4)			MDP (PSF)
				TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
G-46.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-CA4	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0
G-47.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART XP HD 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-52.5
G-48.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART Board 180 Sanded or SOPRASMART ISO HD 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-60.0
G-49.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	SBS-CA3	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0
G-50.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch DensDeck Prime	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0
G-51.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK	SBS-CA3	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0



TABLE 14B: GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE A-1: VAPOR BARRIER TO DECK, BONDED INSULATION, BONDED ROOF COVER

SYSTEM No.	DECK (4.1.2, 4.2.2)	VAPOR BARRIER (3.1.4)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE INSULATION LAYER		COVERBOARD		ROOF COVER (3.1.4)			MDP (PSF)
				TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
G-52.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0
HOT OR TORCH APPLIED BASE PLY:											
G-53.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	BP-AA, SBS-AA, SBS-AA2, SBS-TAF	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0
G-54.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART XP HD 180 Sanded (for AA Base or Cap Ply) or SOPRASMART XP HD 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) SBS-TAP, SBS-TAF	None	SBS-AA or SBS-TAF	-52.5
G-55.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART Board 180 Sanded or SOPRASMART ISO HD 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 or SOPRASMART ISO HD 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-60.0
G-56.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 7/16-inch DEXcell Cement Roof Board	DUOTACK	BP-AA, SBS-AA, SBS-AA2, SBS-TAF	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0
G-57.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch DensDeck Prime	DUOTACK	BP-AA, SBS-AA, SBS-AA2, SBS-TAF	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0



TABLE 14B: GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE A-1: VAPOR BARRIER TO DECK, BONDED INSULATION, BONDED ROOF COVER

SYSTEM No.	DECK (4.1.2, 4.2.2)	VAPOR BARRIER (3.1.4)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE INSULATION LAYER		COVERBOARD		ROOF COVER (3.1.4)			MDP (PSF)
				TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
G-58.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	DUOTACK	BP-AA, SBS-AA, SBS-AA2, SBS-TAF	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0
G-59.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	BP-AA, SBS-AA, SBS-AA2, SBS-TAF	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:											
G-60.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0
G-61.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-60.0
G-62.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 7/16-inch DEXcell Cement Roof Board primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0
G-63.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch DensDeck Prime primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0
G-64.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0



TABLE 14B: GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE A-1: VAPOR BARRIER TO DECK, BONDED INSULATION, BONDED ROOF COVER

SYSTEM No.	DECK (4.1.2, 4.2.2)	VAPOR BARRIER (3.1.4)	LIGHTWEIGHT CONCRETE (3.1.2)	BASE INSULATION LAYER		COVERBOARD		ROOF COVER (3.1.4)			MDP (PSF)
				TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
G-65.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACfoam II, ACfoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF, SBS-SA1	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0
ELASTOPHENE ULTRA-STICK OR SOPRALENE ULTRA-STICK BASE PLY:											
G-66.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACfoam II, ACfoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-60.0
G-67.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACfoam II, ACfoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 7/16-inch DEXcell Cement Roof Board primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-60.0
G-68.	Existing gypsum deck	SBS-CA2 (sanded top), 12-inch o.c.	Cellular lightweight concrete, Min. 330 psi, Min. 2-inch top coat <i>Note: SOPREMA 1.7 in. Base Sheet Fastener or OMG CR Assembled Base Sheet Fastener (1.7") shall achieve an average withdrawal of 101 lbf when tested per (4.2.2)</i>	(Optional) Min. 1.5-inch ACfoam II, ACfoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.25-inch DEXcell FA Glass Mat Roof Board be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-60.0



TABLE 14c: GYPSUM DECKS – REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

SYSTEM No.	DECK (4.1.2)	ANCHOR SHEET			BASE INSULATION		TOP INSULATION		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH	TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
COLD APPLIED BASE PLY:												
G-69.	Existing gypsum deck	MODIFIED SOPRA G, SOPRA 4897	Twin Loc-Nail (Field W/D ≥ 55 lbf)	9-inch o.c. at the 3-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	hot asphalt	(Optional) Min. 0.25-inch DensDeck Prime	hot asphalt	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-30.0*
G-70.	Existing gypsum deck	MODIFIED SOPRA G, SOPRA 4897	Twin Loc-Nail (Field W/D ≥ 55 lbf)	9-inch o.c. at the 3-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	hot asphalt	(Optional) Min. 0.25-inch DensDeck Prime	hot asphalt	SBS-CA3	None	SBS-CA3	-30.0*
G-71.	Existing gypsum deck	MODIFIED SOPRA G, SOPRA 4897	Twin Loc-Nail (Field W/D ≥ 55 lbf)	9-inch o.c. at the 3-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	DUOTACK	(Optional) Min. 0.25-inch DensDeck Prime	DUOTACK	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-30.0*
G-72.	Existing gypsum deck	MODIFIED SOPRA G, SOPRA 4897	Twin Loc-Nail (Field W/D ≥ 55 lbf)	9-inch o.c. at the 3-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	DUOTACK	(Optional) Min. 0.25-inch DensDeck Prime	DUOTACK	SBS-CA3	None	SBS-CA3	-30.0*
HOT OR TORCH APPLIED BASE PLY:												
G-73.	Existing gypsum deck	MODIFIED SOPRA G, SOPRA 4897	Twin Loc-Nail (Field W/D ≥ 55 lbf)	9-inch o.c. at the 3-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	hot asphalt	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating or min. 0.25-inch DensDeck or DensDeck Prime	hot asphalt	BP-AA or SBS-AA	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-30.0*
G-74.	Existing gypsum deck	MODIFIED SOPRA G, SOPRA 4897	Twin Loc-Nail (Field W/D ≥ 55 lbf)	9-inch o.c. at the 3-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	hot asphalt	Min. 0.25-inch DensDeck or DensDeck Prime	hot asphalt	SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-30.0*
G-75.	Existing gypsum deck	MODIFIED SOPRA G, SOPRA 4897	Twin Loc-Nail (Field W/D ≥ 55 lbf)	9-inch o.c. at the 3-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	DUOTACK	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating or min. 0.25-inch DensDeck or DensDeck Prime	DUOTACK	BP-AA or SBS-AA	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-30.0*
G-76.	Existing gypsum deck	MODIFIED SOPRA G, SOPRA 4897	Twin Loc-Nail (Field W/D ≥ 55 lbf)	9-inch o.c. at the 3-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	DUOTACK	Min. 0.25-inch DensDeck or DensDeck Prime	DUOTACK	SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-30.0*
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:												
G-77.	Existing gypsum deck	MODIFIED SOPRA G, SOPRA 4897	Twin Loc-Nail (Field W/D ≥ 55 lbf)	9-inch o.c. at the 3-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II or H-Shield	hot asphalt	Min. 0.25-inch DensDeck primed with D41 primer, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC or DensDeck Prime	hot asphalt	SBS-SA1	(Optional) SBS-CA4, SBS-AA or SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-30.0*



TABLE 14c: GYPSUM DECKS – REROOF (TEAR-OFF)												
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER												
SYSTEM No.	DECK (4.1.2)	ANCHOR SHEET			BASE INSULATION		TOP INSULATION		ROOF COVER (3.1.4)			MDP (PSF)
		TYPE	FASTENER (4.2.2)	ATTACH	TYPE	ATTACH (3.1.3)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
G-78.	Existing gypsum deck	MODIFIED SOPRA G, SOPRA 4897	Twin Loc-Nail (Field W/D ≥ 55 lbf)	9-inch o.c. at the 3-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch ACFoam II or H-Shield	DUOTACK	Min. 0.25-inch DensDeck primed with D41 primer, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC or DensDeck Prime	DUOTACK	SBS-SA1	(Optional) SBS-CA4, SBS-AA or SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-30.0*

TABLE 14d: GYPSUM DECKS – REROOF (TEAR-OFF)										
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)	
			TYPE	FASTENER (4.2.2)	ATTACH (3.1.2.E)	BASE	PLY	CAP		
COLD APPLIED BASE PLY:										
G-79.	Existing gypsum deck	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	OMG Polymer GypTec fastener & plate (Field W/D ≥ 156 lbf)	1 per 2.6 ft ²	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-30.0*	
G-80.	Existing gypsum deck	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	OMG Polymer GypTec fastener & plate (Field W/D ≥ 156 lbf)	1 per 2.6 ft ²	SBS-CA3	None	SBS-CA3	-30.0*	
G-81.	Existing gypsum deck	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	OMG Polymer GypTec fastener & plate (Field W/D ≥ 180 lbf)	1 per 2.0 ft ²	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-45.0*	
G-82.	Existing gypsum deck	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime	OMG Polymer GypTec fastener & plate (Field W/D ≥ 180 lbf)	1 per 2.0 ft ²	SBS-CA3	None	SBS-CA3	-45.0*	
HOT OR TORCH APPLIED BASE PLY:										
G-83.	Existing gypsum deck	One or more layers, any combination, loose laid	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating	OMG Polymer GypTec fastener & plate (Field W/D ≥ 120 lbf)	1 per 2.0 ft ²	BP-AA or SBS-AA	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-30.0*	
G-84.	Existing gypsum deck	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck or DensDeck Prime	OMG Polymer GypTec fastener & plate (Field W/D ≥ 156 lbf)	1 per 2.6 ft ²	BP-AA, SBS-AA, SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-30.0*	
G-85.	Existing gypsum deck	One or more layers, any combination, loose laid	Min. 0.5-inch Blue Ridge Structodek HD with Primed Red Coating	OMG Polymer GypTec fastener & plate (Field W/D ≥ 117 lbf)	1 per 1.3 ft ²	BP-AA or SBS-AA	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-45.0*	
G-86.	Existing gypsum deck	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck or DensDeck Prime	OMG Polymer GypTec fastener & plate (Field W/D ≥ 180 lbf)	1 per 2.0 ft ²	BP-AA, SBS-AA, SBS-TAF	(Optional) SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-45.0*	
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:										
G-87.	Existing gypsum deck	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck primed with D41 primer, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC or DensDeck Prime	OMG Polymer GypTec fastener & plate (Field W/D ≥ 156 lbf)	1 per 2.6 ft ²	SBS-SA1	(Optional) SBS-CA4, SBS-AA or SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-30.0*	



TABLE 14D: GYPSUM DECKS – REROOF (TEAR-OFF)									
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
SYSTEM No.	DECK (4.1.2)	BASE INSULATION LAYER(S) (3.1.2)	TOP INSULATION LAYER			ROOF COVER (3.1.4)			MDP (PSF)
			TYPE	FASTENER (4.2.2)	ATTACH (3.1.2.E)	BASE	PLY	CAP	
G-88.	Existing gypsum deck	One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck primed with D41 primer, ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC or DensDeck Prime	OMG Polymer GypTec fastener & plate (Field W/D ≥ 180 lbf)	1 per 2.0 ft ²	SBS-SA1	(Optional) SBS-CA4, SBS-AA or SBS-TAF	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-45.0*

TABLE 14E: GYPSUM DECKS – REROOF (TEAR-OFF)								
SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER								
SYSTEM No.	DECK (4.1.2)	INSULATION (3.1.2)	BASE SHEET			ROOF COVER (3.1.4)		MDP (PSF)
			BASE	FASTENER (4.2.2)	SPACING	BASE PLY	CAP	
G-89.	Existing gypsum deck	One or more layers, any combination	SOPRABASE S, SOPRALENE 180 Sanded 2.2 or SELECT SBS POLY SANDED	Twin Loc-Nails (Field W/D ≥ 59 lbf)	6-inch o.c. at 4-inch laps and 6-inch o.c. in two, equally spaced, staggered center rows	SBS-AA, SBS-TAF or SBS-SA1	SBS-AA, SBS-TAF or SBS-SA1	-60.0
G-90.	Existing gypsum deck	One or more layers, any combination	SOPRALENE 180 Sanded 2.2 or SELECT SBS POLY SANDED	Twin Loc-Nails (Field W/D ≥ 59 lbf)	6-inch o.c. at 4-inch laps and 6-inch o.c. in two, equally spaced, staggered center rows	SBS-CA4	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-60.0

TABLE 14F: GYPSUM DECKS – REROOF (TEAR-OFF)								
SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED SOPRAPHIX, BONDED ROOF COVER								
SYSTEM No.	DECK (4.1.2)	INSULATION (3.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
			BASE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
G-91.	Existing gypsum deck	Min. 1.5-inch, One or more layers, any combination	SOPRAPHIX Base 622	Twin Loc-Nails (Field W/D ≥ 129 lbf)	9-inch o.c. within 5-inch wide, heat-welded laps and 9-inch o.c. in one center row	None	SBS-CA3, SBS-CA4	-60.0
G-92.	Existing gypsum deck	Min. 1.5-inch, One or more layers, any combination	SOPRAPHIX Base 611, 612 or 614	Twin Loc-Nails (Field W/D ≥ 129 lbf)	9-inch o.c. within 5-inch wide, heat-welded laps and 9-inch o.c. in one center row	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-60.0
G-93.	Existing gypsum deck	Min. 1.5-inch, One or more layers, any combination	SOPRAPHIX Base 611, 612 or 614	Twin Loc-Nails (Field W/D ≥ 129 lbf)	9-inch o.c. within 5-inch wide, heat-welded laps and 9-inch o.c. in one center row	(Optional) One or two SBS-TAF	SBS-TAF	-60.0



TABLE 14G: GYPSUM DECKS – REROOF (TEAR-OFF)							
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
SYSTEM NO.	DECK (4.1.2)	BASE SHEET			ROOF COVER (3.1.4)		MDP (PSF)
		BASE	FASTENER (4.2.2)	SPACING	BASE PLY	CAP	
G-94.	Existing gypsum deck	SOPRABASE S, SOPRALENE 180 Sanded 2.2 or SELECT SBS POLY SANDED	Twin Loc-Nail (Field W/D ≥ 59 lbf)	6-inch o.c. at 4-inch laps and 6-inch o.c. in two, equally spaced, staggered center rows	SBS-AA, SBS-TAF or SBS-SA1	SBS-AA, SBS-TAF or SBS-SA1	-60.0
G-95.	Existing gypsum deck	SOPRALENE 180 Sanded 2.2 or SELECT SBS POLY SANDED	Twin Loc-Nail (Field W/D ≥ 59 lbf)	6-inch o.c. at 4-inch laps and 6-inch o.c. in two, equally spaced, staggered center rows	SBS-CA4	SBS-CA4, SBS-AA, SBS-TAF or SBS-SA1	-60.0

TABLE 14H: GYPSUM DECKS – REROOF (TEAR-OFF)							
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED SOPRAPHIX, BONDED ROOF COVER							
SYSTEM NO.	DECK (4.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
		BASE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
G-96.	Existing gypsum deck	SOPRAPHIX Base 622	Tri-Fixx (Field W/D ≥ 179 lbf)	10-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-37.5
G-97.	Existing gypsum deck	SOPRAPHIX Base 613 or 614	Tri-Fixx (Field W/D ≥ 179 lbf)	10-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-37.5
G-98.	Existing gypsum deck	SOPRAPHIX Base 613 or 614	Tri-Fixx (Field W/D ≥ 179 lbf)	10-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-37.5
G-99.	Existing gypsum deck	SOPRAPHIX Base 622	Tri-Fixx (Field W/D ≥ 193 lbf)	9-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-45.0
G-100.	Existing gypsum deck	SOPRAPHIX Base 613 or 614	Tri-Fixx (Field W/D ≥ 193 lbf)	9-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0
G-101.	Existing gypsum deck	SOPRAPHIX Base 613 or 614	Tri-Fixx (Field W/D ≥ 193 lbf)	9-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-45.0
G-102.	Existing gypsum deck	SOPRAPHIX Base 622	Tri-Fixx (Field W/D ≥ 175 lbf)	7-inch o.c. within the 5-inch wide heat-welded side lap	None	SBS-CA3, SBS-CA4	-52.5
G-103.	Existing gypsum deck	SOPRAPHIX Base 613 or 614	Tri-Fixx (Field W/D ≥ 175 lbf)	7-inch o.c. within the 5-inch wide heat-welded side lap	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-52.5
G-104.	Existing gypsum deck	SOPRAPHIX Base 613 or 614	Tri-Fixx (Field W/D ≥ 175 lbf)	7-inch o.c. within the 5-inch wide heat-welded side lap	(Optional) One or two SBS-TAF	SBS-TAF	-52.5
G-105.	Existing gypsum deck	SOPRAPHIX Base 622	Twin Loc-Nails (Field W/D ≥ 129 lbf)	9-inch o.c. within 5-inch wide, heat-welded laps and 9-inch o.c. in one center row	None	SBS-CA3, SBS-CA4	-60.0
G-106.	Existing gypsum deck	SOPRAPHIX Base 613 or 614	Twin Loc-Nails (Field W/D ≥ 129 lbf)	9-inch o.c. within 5-inch wide, heat-welded laps and 9-inch o.c. in one center row	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-60.0
G-107.	Existing gypsum deck	SOPRAPHIX Base 613 or 614	Twin Loc-Nails (Field W/D ≥ 129 lbf)	9-inch o.c. within 5-inch wide, heat-welded laps and 9-inch o.c. in one center row	(Optional) One or two SBS-TAF	SBS-TAF	-60.0
G-108.	Existing gypsum deck	SOPRAPHIX Base 622	Tri-Fixx (Field W/D ≥ 129 lbf)	8-inch o.c. within 5-inch wide, heat-welded laps and 8-inch o.c. in one center row	None	SBS-CA3, SBS-CA4	-67.5
G-109.	Existing gypsum deck	SOPRAPHIX Base 613 or 614	Tri-Fixx (Field W/D ≥ 129 lbf)	8-inch o.c. within 5-inch wide, heat-welded laps and 8-inch o.c. in one center row	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-67.5
G-110.	Existing gypsum deck	SOPRAPHIX Base 613 or 614	Tri-Fixx (Field W/D ≥ 129 lbf)	8-inch o.c. within 5-inch wide, heat-welded laps and 8-inch o.c. in one center row	(Optional) One or two SBS-TAF	SBS-TAF	-67.5



TABLE 14H: GYPSUM DECKS – REROOF (TEAR-OFF)							
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED SOPRAPHIX, BONDED ROOF COVER							
SYSTEM NO.	DECK (4.1.2)	BASE MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF)
		BASE (3.1.4.B)	FASTENER (4.2.2)	SPACING	PLY	CAP	
G-111.	Existing gypsum deck	SOPRAPHIX Base 622	Tri-Fixx (Field W/D ≥ 143 lbf)	8-inch o.c. in the 5-inch laps and 8-inch o.c. in one center row	None	SBS-CA3, SBS-CA4	-75.0
G-112.	Existing gypsum deck	SOPRAPHIX Base 613 or 614	Tri-Fixx (Field W/D ≥ 143 lbf)	8-inch o.c. in the 5-inch laps and 8-inch o.c. in one center row	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-75.0
G-113.	Existing gypsum deck	SOPRAPHIX Base 613 or 614	Tri-Fixx (Field W/D ≥ 143 lbf)	8-inch o.c. in the 5-inch laps and 8-inch o.c. in one center row	(Optional) One or two SBS-TAF	SBS-TAF	-75.0

TABLE 14I: GYPSUM DECKS – REROOF (TEAR-OFF)					
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER					
SYSTEM NO.	DECK (4.1.2, 4.2.2)	ROOF COVER (3.1.4)			MDP (PSF)
		BASE	PLY	CAP	
G-114.	Existing gypsum deck	SBS-CA2, 12-inch o.c.	(Optional) SBS-CA3, SBS-CA4, BP-AA, SBS-AA, SBS-AA2, SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2, SBS-TAF	-60.0



TABLE 15A: 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 or performance of the substrate. 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	CAP	
COLD APPLIED BASE PLY:									
R-1.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	Min. 1.5-inch AC Foam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	(Optional) Additional layers of base insulation	hot asphalt	SBS-CA2, 12-inch o.c.	(Optional) SBS-CA3, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA3, SBS-AA, SBS-TAF or SBS-SA1	-67.5
R-2.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.4-inch AC Foam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch DensDeck Prime	hot asphalt	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-60.0
R-3.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch AC Foam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch DensDeck Prime	hot asphalt	SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-195.0
R-4.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch AC Foam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-195.0
R-5.	Existing sand-surface SBS modified bitumen	Min. 2-inch AC Foam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-CA3	None	SBS-CA3	-260.0
R-6.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	Min. 1.5-inch AC Foam II, ENRGY 3 or H-Shield	DUOTACK	(Optional) Additional layers of base insulation	DUOTACK	SBS-CA2, 12-inch o.c.	(Optional) SBS-CA3, SBS-AA, SBS-TAF or SBS-SA1	SBS-CA3, SBS-AA, SBS-TAF or SBS-SA1	-67.5
R-7.	Existing granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch AC Foam II, AC Foam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-195.0
R-8.	Existing sand-surface SBS modified bitumen	(Optional) Min. 1.5-inch AC Foam II, AC Foam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-260.0
R-9.	Existing granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch AC Foam II, AC Foam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART Board 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-195.0
R-10.	Existing sand-surface SBS modified bitumen	(Optional) Min. 1.5-inch AC Foam II, AC Foam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	SOPRASMART Board 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-260.0



TABLE 15A: 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 or performance of the substrate. 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	CAP	
R-11.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.4-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch DensDeck Prime	DUOTACK	SBS-CA4	(Optional) SBS-CA4	SBS-CA4	-60.0
R-12.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.25-inch DensDeck Prime	DUOTACK	SBS-CA3	None	SBS-CA3	-150.0
R-13.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch DensDeck Prime	DUOTACK	SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-195.0
R-14.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-CA3	None	SBS-CA3	-150.0
R-15.	Sand- or granule-surface modified bitumenSand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-195.0
R-16.	Existing sand-surface SBS modified bitumen	Min. 2-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-CA3	None	SBS-CA3	-260.0
R-17.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	Min. 1.5-inch, min. 1.5 pcf Insulfoam II Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypusm-Fiber Roof Board	DUOTACK SPF HFO	SBS-CA3	(Optional) SBS-CA3	SBS-CA3	-180.0
R-18.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypusm-Fiber Roof Board	DUOTACK SPF HFO	SBS-CA3	(Optional) SBS-CA3	SBS-CA3	-222.5
R-19.	Existing sand-surface SBS modified bitumen	(Optional) Min. 0.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypusm-Fiber Roof Board	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-222.5
R-20.	Existing granule-surfaced modified bitumen or smooth-surface asphaltic built-up roof	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	None	N/A	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-245.0



TABLE 15A: 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 or performance of the substrate. 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	CAP	
R-21.	Existing smooth-surface asphaltic built-up roof	Min. 0.5-inch ACfoam II, ACfoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-262.5
R-22.	Existing granule-surfaced modified bitumen	Min. 0.5-inch ACfoam II, ACfoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-270.0
HOT OR TORCH APPLIED BASE PLY:									
R-23.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACfoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.125-inch SOPRABOARD	hot asphalt	SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-150.0
R-24.	Existing sand-surface SBS modified bitumen	Min. 2-inch ACfoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.125-inch SOPRABOARD	hot asphalt	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-260.0
R-25.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACfoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	SOPRASMART Board 180 Sanded or SOPRASMART ISO HD 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 or SOPRASMART ISO HD 180 (for torched Base or Cap Ply)	hot asphalt	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-150.0
R-26.	Existing sand-surface SBS modified bitumen	Min. 2-inch ACfoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	SOPRASMART Board 180 Sanded or SOPRASMART ISO HD 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 or SOPRASMART ISO HD 180 (for torched Base or Cap Ply)	hot asphalt	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-260.0
R-27.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACfoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch DensDeck	hot asphalt	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-150.0
R-28.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACfoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch DensDeck Prime	hot asphalt	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-195.0
R-29.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACfoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-TAP	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-150.0
R-30.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACfoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-195.0



TABLE 15A: 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 or performance of the substrate. 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	CAP	
R-31.	Existing sand-surface SBS modified bitumen	Min. 2-inch ACFoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-260.0
R-32.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	BP-AA, SBS-AA, SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-150.0
R-33.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-150.0
R-34.	Existing granule-surface modified bitumen	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-195.0
R-35.	Existing sand-surface SBS modified bitumen	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 25 PSI AGF, ENRGY 3 25 PSI CGF, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-260.0
R-36.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	SOPRASMART Board 180 Sanded or SOPRASMART ISO HD 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 or SOPRASMART ISO HD 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-150.0
R-37.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	SOPRASMART Board 180 Sanded or SOPRASMART ISO HD 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 or SOPRASMART ISO HD 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-150.0
R-38.	Existing sand-surface SBS modified bitumen	Min. 2-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	SOPRASMART Board 180 Sanded or SOPRASMART ISO HD 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 or SOPRASMART ISO HD 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-260.0



TABLE 15A: 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 or performance of the substrate. 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	CAP	
R-39.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch DensDeck	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-150.0
R-40.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch DensDeck Prime	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-195.0
R-41.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-TAP or SBS-TAF	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-150.0
R-42.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-TAP	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-150.0
R-43.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-195.0
R-44.	Existing sand-surface SBS modified bitumen	Min. 2-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-260.0
R-45.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	Min. 1.5-inch, min. 1.5 pcf Insulfoam II Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-180.0
R-46.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-222.5
R-47.	Existing sand-surface SBS modified bitumen	(Optional) Min. 0.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-222.5
R-48.	Existing granule-surfaced modified bitumen or smooth-surface asphaltic built-up roof	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	None	N/A	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-245.0



TABLE 15A: 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 or performance of the substrate. 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	CAP	
R-49.	Existing smooth-surface asphaltic built-up roof	Min. 0.5-inch ACfoam II, ACfoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-262.5
R-50.	Existing granule-surfaced modified bitumen	Min. 0.5-inch ACfoam II, ACfoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-270.0
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:									
R-51.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	Min. 1.4-inch ACfoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	(Optional) Additional layers of base insulation	hot asphalt	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-150.0
R-52.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACfoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.125-inch SOPRABOARD	hot asphalt	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-150.0
R-53.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACfoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	hot asphalt	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-150.0
R-54.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 2-inch ACfoam II, ENRGY 3, H-Shield or Multi-Max FA3	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-150.0
R-55.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	Min. 1.4-inch ACfoam II, ACfoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	(Optional) Additional layers of base insulation	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-150.0
R-56.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) One or more layers min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-150.0
R-57.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACfoam II, ACfoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.125-inch SOPRABOARD	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-150.0
R-58.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) One or more layers min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1	-150.0



TABLE 15A: 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 or performance of the substrate. 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	CAP	
R-59.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-150.0
R-60.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 1.5-inch, min. 1.25 pcf, Insulfoam	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-150.0
R-61.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) Min. 2-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-150.0
R-62.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	Min. 1.5-inch, min. 1.5 pcf Insulfoam II Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-180.0
R-63.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	Min. 1.5-inch, min. 2.0 pcf Insulfoam IX Roofing EPS	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-222.5
R-64.	Existing sand-surface SBS modified bitumen	(Optional) Min. 0.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-222.5
R-65.	Existing granule-surfaced modified bitumen or smooth-surface asphaltic built-up roof	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	None	N/A	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-245.0
R-66.	Existing smooth-surface asphaltic built-up roof	Min. 0.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-262.5



TABLE 15A: 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 or performance of the substrate. 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	CAP	
R-67.	Existing granule-surfaced modified bitumen	Min. 0.5-inch ACFoam II, ACFoam III, H-Shield, H-Shield CG, Multi-Max FA3 or Ultra-Max	DUOTACK SPF HFO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC.	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-TAF	SBS-TAF	-270.0
ELASTOPHENE ULTRA-STICK or SOPRALENE ULTRA-STICK BASE PLY:									
R-68.	Existing sand- or granule-surface modified bitumen or asphaltic built-up roof	(Optional) One or more layers min. 1.5-inch, min. 1.25 pcf, Insulfoam or Min. 1.5-inch ACFoam II, ACFoam III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG or Multi-Max FA3	DUOTACK	Min. 0.125-inch SOPRABOARD primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-150.0



TABLE 15B: RE-ROOF (TEAR-OFF) OR RECOVER APPLICATIONS

SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP 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 Note 1) or performance of the substrate (See Note 12). 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)	VAPOR BARRIER	BASE INSULATION LAYER				TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF) ^A
			TYPE	FASTENER (4.2.2)		ATTACH (3.1.2.E)	TYPE	ATTACH (3.1.3)	BASE	PLY	CAP	
				TYPE	MIN. WITHDRAWAL							
COLD APPLIED BASE PLY:												
R-69.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	(Optional) Min. 6-mil polyethylene or one or more layers Approved SOPREMA base sheet or modified bitumen sheet, loose-laid	Min. 2-inch ACfoam II, ACfoam III, H-Shield or H-Shield CG	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate	≥ 187 lbf	1 per 1.8 ft ²	Optional additional layer(s) base insulation followed by min. 0.125-inch SOPRABOARD, 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	DUOTACK	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-52.5
R-70.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	(Optional) Min. 6-mil polyethylene or one or more layers Approved SOPREMA base sheet or modified bitumen sheet, loose-laid	Min. 2-inch ACfoam II, ACfoam III, H-Shield or H-Shield CG	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate	≥ 187 lbf	1 per 1.8 ft ²	Additional layer(s) base insulation followed by SOPRASMART Board 180 Sanded	DUOTACK	(Optional) SBS-CA3, SBS-CA4	None	SBS-CA3, SBS-CA4	-52.5
R-71.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	(Optional) Min. 6-mil polyethylene or one or more layers Approved SOPREMA base sheet or modified bitumen sheet, loose-laid	Min. 2-inch ACfoam II, ACfoam III or H-Shield CG	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate	≥ 187 lbf	1 per 1.8 ft ²	Optional additional layer(s) base insulation followed by 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	SBS-CA3, SBS-CA4	(Optional) SBS-CA3, SBS-CA4	SBS-CA3, SBS-CA4	-52.5
HOT OR TORCH APPLIED BASE PLY:												
R-72.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	(Optional) Min. 6-mil polyethylene or one or more layers Approved SOPREMA base sheet or modified bitumen sheet, loose-laid	Min. 2-inch ACfoam II, ACfoam III, H-Shield or H-Shield CG	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate	≥ 187 lbf	1 per 1.8 ft ²	Optional additional layer(s) base insulation followed by min. 0.125-inch SOPRABOARD, 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	DUOTACK	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-52.5



TABLE 15B: RE-ROOF (TEAR-OFF) OR RECOVER APPLICATIONS

SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP 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 Note 1) or performance of the substrate (See Note 12). 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)	VAPOR BARRIER	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF) ^A	
			TYPE	FASTENER (4.2.2)		ATTACH (3.1.2.E)	TYPE	ATTACH (3.1.3)	BASE	PLY		CAP
				TYPE	MIN. WITHDRAWAL							
R-73.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	(Optional) Min. 6-mil polyethylene or one or more layers Approved SOPREMA base sheet or modified bitumen sheet, loose-laid	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate	≥ 187 lbf	1 per 1.8 ft ²	Additional layer(s) base insulation followed by SOPRASMART Board 180 Sanded (for AA Base or Cap Ply) or SOPRASMART Board 180 (for torched Base or Cap Ply)	DUOTACK	(Optional) BP-AA, SBS-AA, SBS-TAF	None	SBS-AA or SBS-TAF	-52.5
R-74.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	(Optional) Min. 6-mil polyethylene or one or more layers Approved SOPREMA base sheet or modified bitumen sheet, loose-laid	Min. 2-inch ACFoam II, ACFoam III or H-Shield CG	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate	≥ 187 lbf	1 per 1.8 ft ²	Optional additional layer(s) base insulation followed by 0.25-inch DensDeck Prime or SECURACK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	DUOTACK SPF HFO	BP-AA, SBS-AA, SBS-TAF	(Optional) BP-AA, SBS-AA, SBS-TAF	SBS-AA, SBS-TAF	-52.5
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:												
R-75.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	(Optional) Min. 6-mil polyethylene or one or more layers Approved SOPREMA base sheet or modified bitumen sheet, loose-laid	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate	≥ 187 lbf	1 per 1.8 ft ²)	Optional additional layer(s) base insulation followed by min. 0.125-inch SOPRABOARD. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC. or min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECURACK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-52.5
R-76.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	(Optional) Min. 6-mil polyethylene or one or more layers Approved SOPREMA base sheet or modified bitumen sheet, loose-laid	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate	≥ 187 lbf	1 per 1.8 ft ²	Optional additional layer(s) base insulation followed by SOPRASMART Board 180 Sanded. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	(Optional) SBS-SA1	None	SBS-SA1 or SBS-TAF	-52.5



TABLE 15B: RE-ROOF (TEAR-OFF) OR RECOVER APPLICATIONS

SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP 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 Note 1) or performance of the substrate (See Note 12). 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)	VAPOR BARRIER	BASE INSULATION LAYER			TOP INSULATION LAYER		ROOF COVER (3.1.4)			MDP (PSF) ^A	
			TYPE	FASTENER (4.2.2)		ATTACH (3.1.2.E)	TYPE	ATTACH (3.1.3)	BASE	PLY		CAP
				TYPE	MIN. WITHDRAWAL							
R-77.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	(Optional) Min. 6-mil polyethylene or one or more layers Approved SOPREMA base sheet or modified bitumen sheet, loose-laid	Min. 2-inch ACFoam II, ACFoam III or H-Shield CG	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate	≥ 187 lbf	1 per 1.8 ft ²	Optional additional layer(s) base insulation followed by min. 0.25-inch DensDeck Prime or SECURROCK Gypsum Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK SPF HFO	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-52.5
ELASTOPHENE ULTRA-STICK OR SOPRALENE ULTRA-STICK BASE PLY:												
R-78.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	(Optional) Min. 6-mil polyethylene or one or more layers Approved SOPREMA base sheet or modified bitumen sheet, loose-laid	Min. 2-inch ACFoam II, ACFoam III, H-Shield or H-Shield CG	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate	≥ 187 lbf	1 per 1.8 ft ²	Optional additional layer(s) base insulation followed by min. 0.125-inch SOPRABOARD, Min. 0.25-inch DEXcell FA Glass Mat Roof Board or Min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-52.5
R-79.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	(Optional) Min. 6-mil polyethylene or one or more layers Approved SOPREMA base sheet or modified bitumen sheet, loose-laid	Min. 2-inch ACFoam II, ACFoam III or H-Shield CG	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate	≥ 187 lbf	1 per 1.8 ft ²	Optional additional layer(s) base insulation followed by min. 7/16-inch DEXcell Cement Roof Board. Top surface shall be primed with ELASTOCOL Stick, ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	DUOTACK SPF HFO	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-52.5

TABLE 15C: RE-ROOF (TEAR-OFF) OR RECOVER APPLICATIONS

SYSTEM TYPE C-1: MECHANICALLY ATTACHED 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 Note 1) or performance of the substrate (See Note 12). 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)	VAPOR BARRIER	BASE INSULATION LAYER (3.1.2)	TOP INSULATION LAYER				PRIMER	ROOF COVER (3.1.4)			MDP (PSF) ^A
				TYPE	FASTENER (4.2.2)	MIN. WITHDRAWAL	ATTACH (3.1.2.E)		BASE PLY	PLY	CAP PLY	
COLD APPLIED BASE PLY:												
R-80.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	(Optional) Min. 6-mil polyethylene or one or more layers Approved SOPREMA base sheet or modified bitumen sheet, loose-laid	(Optional) One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate	≥ 187 lbf	1 per 1.8 ft ²	None	SBS-CA3	(Optional) SBS-CA3 or SBS-CA4	SBS-CA3 or SBS-CA4	-52.5



TABLE 15C: RE-ROOF (TEAR-OFF) OR RECOVER APPLICATIONS
SYSTEM TYPE C-1: MECHANICALLY ATTACHED 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 Note 1) or performance of the substrate (See Note 12). 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)	VAPOR BARRIER	BASE INSULATION LAYER (3.1.2)	TOP INSULATION LAYER				PRIMER	ROOF COVER (3.1.4)			MDP (PSF) ^A
				TYPE	FASTENER (4.2.2)	MIN. WITHDRAWAL	ATTACH (3.1.2.E)		BASE PLY	PLY	CAP PLY	
R-81.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	(Optional) Min. 6-mil polyethylene or one or more layers Approved SOPREMA base sheet or modified bitumen sheet, loose-laid	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate	≥ 187 lbf	1 per 1.8 ft ²	None	SBS-CA3 or SBS-CA4	(Optional) SBS-CA3 or SBS-CA4	SBS-CA3 or SBS-CA4	-52.5
HOT OR TORCH APPLIED BASE PLY:												
R-82.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	(Optional) Min. 6-mil polyethylene or one or more layers Approved SOPREMA base sheet or modified bitumen sheet, loose-laid	(Optional) One or more layers, any combination, loose laid	Min. 0.125-inch SOPRABOARD, min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate	≥ 187 lbf	1 per 1.8 ft ²	None	BP-AA, SBS-AA or SBS-TAF	(Optional) BP-AA, SBS-AA or SBS-TAF	SBS-AA or SBS-TAF	-52.5
ELASTOPHENE STICK, SOPRALENE STICK OR SOPRALENE FLAM STICK BASE PLY:												
R-83.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	(Optional) Min. 6-mil polyethylene or one or more layers Approved SOPREMA base sheet or modified bitumen sheet, loose-laid	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate	≥ 187 lbf	1 per 1.8 ft ²	ELASTOCOL STICK Zero or ELASTOCOL Stick LVOC	SBS-SA1	(Optional) SBS-AA, SBS-SA1 or SBS-TAF	SBS-AA, SBS-SA1 or SBS-TAF	-52.5
ELASTOPHENE ULTRA-STICK OR SOPRALENE ULTRA-STICK BASE PLY:												
R-84.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	(Optional) Min. 6-mil polyethylene or one or more layers Approved SOPREMA base sheet or modified bitumen sheet, loose-laid	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Trufast Versa-Fast Plate with minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate	≥ 160 lbf	1 per 1.8 ft ²	ELASTOCOL STICK Zero or ELASTOCOL Stick LVOC	SBS-SA2	(Optional) SBS-SA2	SBS-SA2	-45.0



TABLE 15D: REROOF (TEAR-OFF) APPLICATIONS
SYSTEM TYPE E-2: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new base sheet and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). 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 SHEET			ROOF COVER (3.1.4)		MDP (PSF) ^A	
		BASE	FASTENER (4.2.2)		SPACING	BASE PLY(S)		CAP
			TYPE	MIN. WITHDRAWAL				
PRE-EXISTENT AGGREGATE LIGHTWEIGHT CONCRETE (3.1.2):								
R-85.	Pre-existent min. 360 psi aggregate lightweight insulating concrete	MODIFIED SOPRA G or SOPRABASE S	Trufast FM-75	≥ 67 lbf	9-inch o.c. at the 3.5-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-AA, SBS-AA2 or SBS-TAF	SBS-CA4, SBS-AA, SBS-AA-2 or SBS-TAF	-45.0
R-86.	Pre-existent min. 360 psi aggregate lightweight insulating concrete	SOPRA 4897	Trufast FM-75	≥ 67 lbf	9-inch o.c. at the 3.5-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-CA4, SBS-AA, SBS-AA2 or SBS-TAF	SBS-CA4, SBS-AA, SBS-AA-2 or SBS-TAF	-45.0
R-87.	Pre-existent min. 360 psi aggregate lightweight insulating concrete	SOPRABASE TG	Trufast FM-75	≥ 67 lbf	9-inch o.c. at the 3.5-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-CA4, SBS-AA, SBS-AA-2 or SBS-TAF	-45.0
R-88.	Pre-existent min. 360 psi aggregate lightweight insulating concrete	SOPRABASE S or SOPRA 4897. Top surface shall be primed with ELASTOCOL Stick Zero or ELASTOCOL Stick LVOC	Trufast FM-75	≥ 67 lbf	9-inch o.c. at the 3.5-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	SBS-SA1	SBS-SA1 or SBS-TAF	-45.0
R-89.	Pre-existent min. 360 psi aggregate lightweight insulating concrete	ULTRA-STICK Nail Base	Trufast FM-75	≥ 67 lbf	9-inch o.c. at the 3.5-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	SBS-SA2	SBS-SA2	-45.0
R-90.	Pre-existent min. 300 psi cellular lightweight insulating concrete	MODIFIED SOPRA G, SOPRA 4897	Trufast Twin Loc-Nail	≥ 88 lbf	9-inch o.c. at 4-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA or SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-60.0
R-91.	Pre-existent min. 300 psi cellular lightweight insulating concrete	SOPRABASE S, SOPRALENE 180 Sanded 2.2, SOPRALENE 180 Sanded or SELECT SBS POLY SANDED	Trufast Twin Loc-Nail	≥ 110 lbf	9-inch o.c. at 4-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	One or two BP-AA, SBS-AA or SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-75.0
R-92.	Pre-existent min. 300 psi cellular lightweight insulating concrete	SOPRABASE TG	Trufast Twin Loc-Nail	≥ 110 lbf	9-inch o.c. at 4-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-CA3, SBS-AA or SBS-TAF	-75.0
PRE-EXISTENT CELLULAR LIGHTWEIGHT CONCRETE (3.1.2):								
R-93.	Pre-existent min. 360 psi cellular lightweight insulating concrete	MODIFIED SOPRA G or SOPRABASE S	Trufast FM-90	≥ 67 lbf	9-inch o.c. at the 3.5-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-AA, SBS-AA2 or SBS-TAF	SBS-CA4, SBS-AA, SBS-AA-2 or SBS-TAF	-45.0
R-94.	Pre-existent min. 360 psi cellular lightweight insulating concrete	SOPRA 4897	Trufast FM-90	≥ 67 lbf	9-inch o.c. at the 3.5-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-CA4, SBS-AA, SBS-AA2 or SBS-TAF	SBS-CA4, SBS-AA, SBS-AA-2 or SBS-TAF	-45.0



TABLE 15D: REROOF (TEAR-OFF) APPLICATIONS

SYSTEM TYPE E-2: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new base sheet and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). 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 SHEET			ROOF COVER (3.1.4)		MDP (PSF) ^A	
		BASE	FASTENER (4.2.2)		SPACING	BASE PLY(S)		CAP
			TYPE	MIN. WITHDRAWAL				
R-95.	Pre-existent min. 360 psi cellular lightweight insulating concrete	SOPRABASE TG	Trufast FM-90	≥ 67 lbf	9-inch o.c. at the 3.5-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	One or two SBS-TAF	SBS-CA4, SBS-AA, SBS-AA-2 or SBS-TAF	-45.0

TABLE 15E: RE-ROOF (TEAR-OFF) OR RECOVER APPLICATIONS

SYSTEM TYPE E-2: MECHANICALLY ATTACHED SOPRAPHIX, BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new base membrane and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). 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 MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF) ^A	
		BASE (3.1.4.B)	FASTENER (4.2.2)		SPACING	PLY		CAP
			TYPE	MIN. WITHDRAWAL				
R-96.	Pre-existent min. 200 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 622	Tri-Fixx	≥ 179 lbf	10-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-37.5
R-97.	Pre-existent min. 200 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613 or 614	Tri-Fixx	≥ 179 lbf	10-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-37.5
R-98.	Pre-existent min. 200 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613 or 614	Tri-Fixx	≥ 179 lbf	10-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-37.5
R-99.	Pre-existent min. 300 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 622	Tri-Fixx	≥ 215 lbf	10-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-45.0
R-100.	Pre-existent min. 300 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613 or 614	Tri-Fixx	≥ 215 lbf	10-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0
R-101.	Pre-existent min. 300 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613 or 614	Tri-Fixx	≥ 215 lbf	10-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-45.0
R-102.	Pre-existent min. 200 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 622	Tri-Fixx	≥ 193 lbf	9-inch o.c. within 5-inch wide, heat-welded laps	None	SBS-CA3, SBS-CA4	-45.0
R-103.	Pre-existent min. 200 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613 or 614	Tri-Fixx	≥ 193 lbf	9-inch o.c. within 5-inch wide, heat-welded laps	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0



**TABLE 15E: RE-ROOF (TEAR-OFF) OR RECOVER APPLICATIONS
 SYSTEM TYPE E-2: MECHANICALLY ATTACHED SOPRAPHIX, BONDED ROOF COVER**

^A The reported MDP documents the allowable maximum design pressure of the new base membrane and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). 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 MEMBRANE			ROOF COVER (3.1.4)		MDP (PSF) ^A	
		BASE (3.1.4.B)	FASTENER (4.2.2)		SPACING	PLY		CAP
			TYPE	MIN. WITHDRAWAL				
R-104.	Pre-existent min. 200 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613 or 614	Tri-Fixx	≥ 193 lbf	9-inch o.c. within 5-inch wide, heat-welded laps	(Optional) One or two SBS-TAF	SBS-TAF	-45.0
R-105.	Pre-existent min. 300 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 622	Trufast Versa-Fast Fasteners & Plate	≥ 193 lbf	Trufast Versa-Fast Plate 9-inch o.c. within the 5-inch wide, heat-welded side laps. Minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate, parallel to the width-direction of the sheet.	None	SBS-CA3, SBS-CA4	-45.0
R-106.	Pre-existent min. 300 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613	Trufast Versa-Fast Fasteners & Plate	≥ 193 lbf	Trufast Versa-Fast Plate 9-inch o.c. within the 5-inch wide, heat-welded side laps. Minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate, parallel to the width-direction of the sheet.	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-45.0
R-107.	Pre-existent min. 300 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613	Trufast Versa-Fast Fasteners & Plate	≥ 193 lbf	Trufast Versa-Fast Plate 9-inch o.c. within the 5-inch wide, heat-welded side laps. Minimum two (2) Versa-Fast Fasteners installed 180° into the holes of the Versa-Fast Plate, parallel to the width-direction of the sheet.	(Optional) One or two SBS-TAF	SBS-TAF	-45.0
R-108.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 622	Trufast Versa-Fast Fasteners & Plate	≥ 226 lbf	Trufast Versa-Fast Plate 9-inch o.c. within the 5-inch wide, heat-welded side laps. Minimum three (3) Versa-Fast Fasteners installed parallel to the width direction of the sheet into the holes of the Versa-Fast Plate	None	SBS-CA3, SBS-CA4	-52.5
R-109.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613	Trufast Versa-Fast Fasteners & Plate	≥ 226 lbf	Trufast Versa-Fast Plate 9-inch o.c. within the 5-inch wide, heat-welded side laps. Minimum three (3) Versa-Fast Fasteners installed parallel to the width direction of the sheet into the holes of the Versa-Fast Plate	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-52.5
R-110.	Pre-existent min. 360 psi aggregate or min. 320 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613	Trufast Versa-Fast Fasteners & Plate	≥ 226 lbf	Trufast Versa-Fast Plate 9-inch o.c. within the 5-inch wide, heat-welded side laps. Minimum three (3) Versa-Fast Fasteners installed parallel to the width direction of the sheet into the holes of the Versa-Fast Plate	(Optional) One or two SBS-TAF	SBS-TAF	-52.5
R-111.	Pre-existent min. 300 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 622	Tri-Fixx	≥ 175 lbf	7-inch o.c. within the 5-inch wide heat-welded side lap	None	SBS-CA3, SBS-CA4	-52.5
R-112.	Pre-existent min. 300 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613 or 614	Tri-Fixx	≥ 175 lbf	7-inch o.c. within the 5-inch wide heat-welded side lap	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-52.5
R-113.	Pre-existent min. 300 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613 or 614	Tri-Fixx	≥ 175 lbf	7-inch o.c. within the 5-inch wide heat-welded side lap	(Optional) One or two SBS-TAF	SBS-TAF	-52.5



TABLE 15E: RE-ROOF (TEAR-OFF) OR RECOVER APPLICATIONS
SYSTEM TYPE E-2: MECHANICALLY ATTACHED SOPRAPHIX, BONDED ROOF COVER

^A The reported MDP documents the allowable maximum design pressure of the new base membrane and roof cover when installed atop the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). 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 MEMBRANE			ROOF COVER (3.1.4)		MDP (psf) ^A	
		BASE (3.1.4.B)	FASTENER (4.2.2)		SPACING	PLY		CAP
			TYPE	MIN. WITHDRAWAL				
R-114.	Pre-existent min. 300 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 622	Tri-Fixx	≥ 129 lbf	8-inch o.c. within 5-inch wide, heat-welded laps and 8-inch o.c. in one center row	None	SBS-CA3, SBS-CA4	-67.5
R-115.	Pre-existent min. 300 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613 or 614	Tri-Fixx	≥ 129 lbf	8-inch o.c. within 5-inch wide, heat-welded laps and 8-inch o.c. in one center row	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-67.5
R-116.	Pre-existent min. 300 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613 or 614	Tri-Fixx	≥ 129 lbf	8-inch o.c. within 5-inch wide, heat-welded laps and 8-inch o.c. in one center row	(Optional) One or two SBS-TAF	SBS-TAF	-67.5
R-117.	Pre-existent min. 500 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613 or 614	Tri-Fixx	≥ 158 lbf	8-inch o.c. within 5-inch wide, heat-welded laps and 8-inch o.c. in one center row	None	SBS-CA3, SBS-CA4	-82.5
R-118.	Pre-existent min. 500 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613 or 614	Tri-Fixx	≥ 158 lbf	8-inch o.c. within 5-inch wide, heat-welded laps and 8-inch o.c. in one center row	ELASTOPHENE SP or SOPRALENE 180 SP, torch-applied	SBS-CA3, SBS-CA4	-82.5
R-119.	Pre-existent min. 500 psi cellular lightweight insulating concrete or existing gypsum roof deck	SOPRAPHIX Base 613 or 614	Tri-Fixx	≥ 158 lbf	8-inch o.c. within 5-inch wide, heat-welded laps and 8-inch o.c. in one center row	(Optional) One or two SBS-TAF	SBS-TAF	-82.5

TABLE 15F: 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 adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). 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)	Primer	Roof Cover (3.1.4)			MDP (psf) ^A
			Base Ply	Ply	Cap Ply	
R-120.	Existing, fully-adhered, granule-surface, SBS modified bitumen roof system	ELASTOCOL 500	(Optional) SBS-CA4	None	SBS-CA4	-112.5
R-121.	Existing, fully-adhered, granule-surface, SBS modified bitumen roof system	None	(Optional) SBS-CA4	None	SBS-CA4	-202.5
R-122.	Existing, fully-adhered, smooth- or granule-surface, SBS modified bitumen roof system	None	SBS-CA2, 6-inch o.c. or SBS-CA3	(Optional) SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2 or SBS-TAF	SBS-CA3, SBS-CA4, SBS-AA, SBS-AA2 or SBS-TAF	-247.5
R-123.	Existing, fully-adhered, smooth- or granule-surface, SBS modified bitumen roof system	None	None	None	SBS-CA2, 6-inch o.c. or SBS-CA3	-247.5
R-124.	Existing, fully-adhered, smooth-surface, SBS modified bitumen roof system	(Optional) ELASTOCOL 500	SBS-TAF	(Optional) SBS-TAF	SBS-TAF	-367.5
R-125.	Existing, fully adhered, granule-surface, SBS modified bitumen	ELASTOCOL 500	None	None	Colvent Flam 180 FR GR, torch applied	-572.5