



NEMO EVALUATION REPORT (NER)



Seaman Corporation

1000 Venture Blvd.

Wooster, OH 44691

(800) 927-8578

SUBJECT: FiberTite Roof Systems

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

CODE: 2023 Florida Building Code, 8th Edition

JURISDICTION: Non-HVHZ and HVHZ

NEMO CATEGORY: Single Ply

FBC CATEGORY: Roofing

FBC SUB-CATEGORY: Single Ply Roof Systems

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

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

COMPLIANCE STATEMENT: FiberTite Roof Systems, as produced by Seaman Corporation, have demonstrated compliance with 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 ETC, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates. NEMO ETC, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates. This is a building code evaluation. NEMO ETC, LLC is not, in any way, the Designer of Record for any project on which this NER, or previous versions thereof, is/was used for permitting or design guidance.



1. CODES, PROPERTIES AND STANDARDS:

Code	Section	Property	Standard
2023 Florida Building Code, 8 th Edition	1504.3.1	Wind resistance	FM 4474
	1504.3.1	Wind resistance	UL 1897
	1504.6	Physical properties	ASTM G154
	1504.6	Physical properties	ASTM G155
	1504.7	Impact resistance	FM 4470
	1507.11.2, TAS 110	Material standard	ASTM D6163
	1507.11.2, TAS 110	Material standard	ASTM D6164
	1507.12.2, TAS 110	Material standard	ASTM D6754
	TAS 110	Resistance to Foot Traffic	TAS 114, Section 8.9
	TAS 110	Wind resistance	TAS 114, Appendix C, D or J
	TAS 110	Susceptibility Hail Damage	TAS 114, Appendix F
	TAS 110	Susceptibility to Leakage	TAS 114, Appendix G

2. PRODUCTS:

TYPE	PRODUCT		MATERIAL STANDARD		MANUFACTURING LOCATION		
	NAME	THICKNESS	REFERENCE	TYPE			
ROOF COVER ¹	FiberTite	36-mil	ASTM D6754	N/A	Bristol, TN Wooster, OH		
	FiberTite-SM	45, 60-mil					
	FiberTite-XT	50, 60-mil					
	FiberTite-Xtreme	60-mil					
ROOF COVER OR CAP PLY ¹	FiberTite-FB	36-mil					
	FiberTite-SM FB	45, 60-mil					
	FiberTite-XT FB	50, 60-mil					
	FiberTite-Xtreme FB	60-mil					
VAPOR BARRIER OR BASE PLY	FiberTite-SBS Base				ASTM D6163	I	Arkadelphia, AR
	FiberTite-SBS TG Base				ASTM D6163	I	
	FiberTite-SBS 190 Base		ASTM D6164	I			
	FiberTite-SBS 190 TG Base		ASTM D6164	I			
	FTR SBS Poly 3.0		ASTM D6164	I	Winter Haven, FL		
	FTR SBS Poly 3.7		ASTM D6164	I	Little Rock, AR		
	FTR SBS Poly 4.0		ASTM D6164	I	Hazleton, PA		

TYPE	FIBERTITE PRODUCT	ACCEPTABLE ALTERNATE	FBC	NOA
ROOFING FASTENERS & PLATES:	FiberTite #12	Dekfast DF-#12-PH3	FL20311	22-0913.02
	FiberTite #14	Dekfast DF-#14-PH3		
	FiberTite Magnum Fastener	Dekfast DF-#15-PH3		
	N/A	Dekfast DL-SQ1/4		
	N/A	Dekfast PTL-DL-R-2-4B		
	FiberTite Magnum Stress Plate	Dekfast PLT-O-2-1/2-8B		
	FiberTite Magnum-Plus Plate	Dekfast PLT-O-2-3/4-12B		
	FTR Magnum2S	Dekfast PLT-R-2-3/8-6B		
	N/A	Dekfast PLT-H-2-7/8		
	FiberTite 3-in Steel Plate	Dekfast PLT-R-3		
	FTR-IW isoweld	isoweld F1-P-6.8-PVC		
	N/A	isoweld FI-P-16.0-PVC	N/A	N/A
	N/A	isoweld FI-R-20 Sleeve ²		
	N/A	OMG #12 Standard		
N/A	OMG #14 Heavy Duty			
	N/A	OMG CD-10	FL699	23-0718.03

¹ Certified by ISO/IEC 17065 Certification Entity [NEMO|cert.](#) for physical properties.



TABLE 2: COMPONENTS BY OTHERS (4.1.3)

TYPE	FIBERTITE PRODUCT	ACCEPTABLE ALTERNATE	FBC	NOA
ROOFING FASTENERS & PLATES:	FTR Magnum O Fastener	OMG XHD screw	FL699	23-0718.03
	FTR Retro-Driller	OMG RetroDriller		
	N/A	OMG Polymer GypTec Fastener		
	N/A	OMG 3" Galvalume Steel Plate		
	N/A	OMG RhinoBond Insulation Plate (PVC)		
	N/A	OMG RhinoBond TreadSafe Plate (PVC)		
	N/A	OMG RhinoBond TreadSafe Insert ²		
	N/A	OMG 2 in. Polymer GypTec Metal Barbed Plate	FL4500	22-1214.02
	N/A	Trufast #12 DP		
	N/A	Trufast #14 HD		
	FTR MagnumT Fastener	Trufast #15 EHD		
	FTR PurlinT Fastener	Trufast #12 Purlin Fastener		
	N/A	Trufast ¼" Concrete Spike		
	N/A	Trufast TL Fastener		
	N/A	Trufast 2" TL Seam Plate		
	FiberTite FTR Magnum-R275	Trufast 2-3/4" Barbed Metal Seam Plate (EHD)		
	N/A	Trufast 3" Metal Insulation Plate		
INSULATIONS:	FTR-VALUE A	ACFoam II	FL17989	23-0207.02
	FTR-Value-III-A	ACFoam III	FL5968	19-0521.04
	FTR-VALUE H	H-Shield		
	FTR-Value H Glass Facer	H-Shield CG	FL4205	23-0509.05
	FTR-VALUE	ENRGY 3	FL29563	22-0628.10
	N/A	Insulfoam IX	FL1250	22-1223.04
	N/A	DensDeck		
	N/A	DensDeck Prime		
	N/A	DEXcell FA Glass Mat Roof Board	FL17840	20-0212.01
	N/A	DEXcell Cement Roof Board	FL4264	21-0923.05
	N/A	SECUROCK Gypsum-Fiber Roof Board		
	N/A	SECUROCK Cement Roof Board		
	N/A	Celcore Cellular Concrete	FL2037	23-0718.06
	N/A	Concrecel Lightweight Insulating Concrete	FL5584	21-1229.06
	N/A	Elastizell Lightweight Insulating Concrete	None	23-0817.05
N/A	Mearlcrete	FL13492	19-0729.03	
ADHESIVES:	Alpha-Tite Bonding Adhesive	N/A	None	None
	FTR-190e	N/A	None	None
	FTR-290	N/A	None	None
	FTR-390	N/A	None	None
	FTR-490	N/A	None	None
	FTR SBS Adhesive	N/A	None	None
	FiberTite FTR 601	Millennium One Step Foamable Adhesive	FL1800	21-1018.06
	FTR-601 PG	Millennium PG-1 Pump Grade Adhesive		
	N/A	Millennium PG-1 EF ECO	FL1608	22-0519.04
	N/A	OlyBond 500		
	N/A	Polyset Board-Max		
N/A	Polyset Commercial Roof Adhesive	FL22256	22-0614.10	
N/A		FL1365		
PRIMERS:	FTR SA Primer	ELASTOCOL Stick Zero	FL9779	22-0706.01
	N/A	ELASTOCOL Stick		
ROLL GOODS:	VaporTite	SOPRAVAP'R	None	19-0828.01

² When using OMG RhinoBond TreadSafe Insert or SFS isoweld FI-R-20 Sleeve, the insulation shall be of sufficient thickness to accommodate the length of the insert/sleeve without damage thereto during installation.



3. INSTALLATION:

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

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

FASTENER REFERENCES			
ROOF DECK	PARTS		FASTENER ENGAGEMENT
Wood, engineered sheathing or plank	Fastener Options:	FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener, OMG #12 Standard, OMG #14 Heavy Duty or OMG XHD, SFS Dekfast DF-#12-PH3, Dekfast DF-#14-PH3 or Dekfast DF-#15-PH3, Trufast #12 DP, Trufast #14 HD or Trufast #15 EHD	Min. 0.75-inch penetration (engineered sheathing) or min. 1-inch embedment (plank)
	Plate Options:	FiberTite 3-in Steel Plate, OMG 3" Galvalume Plate, SFS Dekfast PLT-R-3 or Trufast 3" Metal Insulation Plate	
Steel	Fastener Options:	FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener, OMG #12 Standard, OMG #14 Heavy Duty or OMG XHD, SFS Dekfast DF-#12-PH3, Dekfast DF-#14-PH3 or Dekfast DF-#15-PH3, Trufast #12 DP, Trufast #14 HD or Trufast #15 EHD	Min. 0.75-inch penetration
	Plate Options:	FiberTite 3-in Steel Plate, OMG 3" Galvalume Plate, SFS Dekfast PLT-R-3 or Trufast 3" Metal Insulation Plate	
Structural Concrete	Fastener Options:	FiberTite #14, OMG #14 Heavy Duty or OMG CD-10, SFS Dekfast DF-#14-PH3, Trufast #14 HD or Trufast 1/4" Concrete Spike	Non-HVHZ: Min. 1-inch embedment HVHZ: Min. 1.25-inch embedment
	Plate Options:	FiberTite 3-in Steel Plate, OMG 3" Galvalume Plate, SFS Dekfast PLT-R-3 or Trufast 3" Metal Insulation Plate	

3.1.2 Insulation:

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



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.

INSULATION ADHESIVE REFERENCES			
BY	ADHESIVE	REFERENCE	RATE
Seaman Corporation	Fibertite FTR 601	FTR 601	Continuous ribbons, max. 12-inch o.c.
	FTR-601 PG	FTR-601 PG	Continuous ribbons, max. 12-inch o.c.
HB Fuller	Millennium PG-1 EF ECO	M-PG1-EF-ECO	Continuous 1 to 1.5-inch ribbons, 12-inch o.c.
OMG	OlyBond 500	OB500	Continuous ribbons, max. 12-inch o.c.
ICP Construction	Polyset Board-Max	Board-Max	Continuous ribbons, max. 12-inch o.c.
	Polyset Commercial Roof Adhesive	Polyset CRA	Continuous ribbons, max. 12-inch o.c.
Generic	ASTM D312, Type IV asphalt	hot asphalt	Full-coverage at 25-30 lbs/square

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

MDP LIMITATIONS FOR TAPERED POLYISOCYANURATE INSULATIONS			
ADHESIVE	INSULATION	MIN. TAPERED THICKNESS (IN)	MDP (psf)
FTR 601 or FTR-601 PG	Any listed polyisocyanurate herein	0.5	-157.5
OB500	FTR-VALUE or FTR-VALUE H	0.5	-315.0
OB500	FTR-VALUE A	0.5	-487.5
Board-Max or CRA	Any listed polyisocyanurate herein	1.0	-117.5

- (c) Adhered Insulation, Board Size:

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

3.1.4 Roof Covers:

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

MEMBRANE / ADHESIVE COMBINATIONS					
REFERENCE	LAYER	MATERIAL	APPLICATION		
			ADHESIVE	METHOD	RATE
BB1-190E	Roof Cover:	FiberTite or FiberTite XT	FTR-190e	Contact application	0.5 gallon/square per surface
BB2-190E	Roof Cover:	FiberTite-SM or FiberTite XTreme			
BB3-ATBA	Roof Cover:	FiberTite or FiberTite XT	Alpha-Tite Bonding Adhesive	Contact application	0.83 to 1.0 gallon/square per surface, depending on substrate porosity
BB4-ATBA	Roof Cover:	FiberTite-SM or FiberTite XTreme			
FB1-290	Roof Cover:	FiberTite-FB, -SM FB, -XT FB or -XTreme FB	FTR-290	Wet lay	1.0 gallon/square
FB2-390	Roof Cover or Cap Ply:	FiberTite-FB, -SM FB, -XT FB or -XTreme FB	FTR-390	Wet lay	1.67 to 2.5 gallon/square, depending on substrate porosity
FB3-490	Roof Cover:	FiberTite-FB, -SM FB, -XT FB or -XTreme FB	FTR-490	Wet lay	0.85 to 1.0 gallon/square, depending on substrate porosity
FB4-HA	Roof Cover or Cap Ply:	FiberTite-FB, -SM FB, -XT FB or -XTreme FB	hot asphalt	Wet lay	25-30 lbs/square
FB5-CR20	Roof Cover or Cap Ply:	FiberTite-FB, -SM FB, -XT FB or -XTreme FB	ICP Adhesives “Polyset Commercial Roof Adhesive”	Wet lay	Spatter-applied, full coverage
FB6-601PG	Roof Cover or Cap Ply:	FiberTite-FB, -SM FB, -XT FB or -XTreme FB	FTR 601-PG	Wet lay	Spatter-applied, 4.0 lbs/square



MEMBRANE / ADHESIVE COMBINATIONS					
REFERENCE	LAYER	MATERIAL	APPLICATION		
			ADHESIVE	METHOD	RATE
FB7-CEFA	Roof Cover or Cap Ply:	FiberTite-FB, -SM FB, -XT FB or -XTreme FB	SOPREMA "COLPLY EF Adhesive"	Wet lay	2.0 gallon/square
BP1-HA	Vapor Barrier, Base Ply or Ply:	FiberTite-SBS Base, FiberTite-SBS 190 Base, FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	Hot asphalt	Wet lay (substrate)	25-30 lbs/square
BP2-FTRSBSA	Vapor Barrier, Base Ply or Ply:	FiberTite-SBS Base, FiberTite-SBS 190 Base, FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	FTR SBS Adhesive	Wet lay (substrate)	1.5-2.0 gallon/square, depending on substrate porosity
BP3-CEFA	Vapor Barrier, Base Ply or Ply:	FiberTite-SBS Base, FiberTite-SBS 190 Base, FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	SOPREMA "COLPLY EF Adhesive"	Wet lay (substrate)	1.5-2.0 gallon/square, depending on substrate porosity
BP4-TA	Vapor Barrier, Base Ply or Ply:	FiberTite-SBS TG Base, FiberTite-SBS 190 TG Base, FTR SBS Poly 3.0, FTR SBS Poly 3.7 or FTR SBS Poly 4.0	torch-applied	torch-applied	full-bond

(b) For single-ply membranes in System Type D-1 steel deck applications, the roof membrane shall be run with its length perpendicular to the steel deck flutes. Seaman Corporation offers two (2) 'styles' of attachment; "Open" and "Closed", as detailed below.

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

(c) For System Type C-2 (induction weld), care shall be taken to ensure that the plates do not line-up with membrane seams. This condition may preclude proper induction welding of the membrane to the plates.

3.1.5 Vapor Barriers:

(a) For System Types C-1, C-2, D-1 or Type D-2, an optional thermal barrier and/or VaporTite (self-adhering) 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) FiberTite VBX Air and Vapor Barrier Membrane, mechanically attached using FiberTite #14 Heavy Duty Fasteners or FiberTite Magnum Fasteners (steel only) with FiberTite Magnum-Plus Seam Plates spaced 24-in. o.c. within the 8-in. wide side laps; laps sealed with 1.5-in. heat weld, may be optionally installed over wood, steel or structural concrete deck or over lightweight concrete over steel or structural concrete deck (attached through the LWC to engage the structural deck) in the following system types, to a MDP of -82.5 psf.

- ✓ System Types B-1 and C-1.
- ✓ System Type C-2 with any grid pattern, or with row spacing not to exceed 60-inch o.c.
- ✓ System Type D-1 with row spacing not to exceed 60-inch o.c.



(c) Vapor barrier options for use over structural concrete deck followed by bonded insulation carry the following MDP limitations. The lesser of the MDP listings below vs. that for the selected assembly applies.

Table with 6 columns: OPTION #, PRIMER, TYPE, APPLICATION, INSULATION ADHESIVE PER TABLE 3A & 3B, MDP (PSF). Rows include various vapor barrier options like C-VB-1 through C-VB-11 with details on primer, type, application, adhesive, and MDP values.

4. LIMITATIONS OF USE:

4.1 General:

- 4.1.1 This is a building code evaluation. NEMO ETC, 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.
4.1.2 This NER pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
(a) Unless otherwise noted, reference to 'structural concrete' pertains to min. 2,500 psi structural concrete, and excludes 'structural lightweight concrete'.
4.1.3 All components in the roof assembly shall have quality assurance surveillance in accordance with F.A.C. Rule 61G20-3. For components listed herein that are produced by a manufacturer other than the report holder on Page 1 of this NER, refer to the Florida Product Approval or NOA of the component manufacturer.

4.2 Jurisdiction Specific:

Table with 2 columns: Non-HVHZ, HVHZ. Row 4.2.1: This NER does not include evaluation of fire classification. Refer to FBC 1505, UL TGFU.R10117 and the fire classification certificate for the roof cover manufacturer for requirements and limitations regarding roof assembly fire classification. Refer to FBC 2603 for requirements and limitations concerning the use of foam plastic insulation.



Non-HVHZ	HVHZ
<p>4.2.2 This NER does not include evaluation of roof edge termination. Refer to FBC 1504.5 for requirements and limitations regarding edge securement for low-slope roofs.</p> <p>4.2.3 Refer to FBC 1511 for requirements and limitations regarding recover installations.</p> <p>(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.</p> <p>(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.</p> <p>(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.</p>	<p>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.</p> <p>Refer to FBC HVHZ 1521 for requirements and limitations regarding recover installations.</p> <p>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.</p> <p>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.</p> <p>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.</p>
<p>4.2.4 <u>Wind Load Resistance:</u></p> <p>(a) Refer to Section 4.3 for a tabulated summary of assembly listings and maximum allowable design pressures.</p> <p>(b) "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (<i>the 2 to 1 margin of safety per FBC 1504.9 has already been applied</i>). Refer to FBC 1609 for determination of design wind loads.</p> <p>(c) The MDP for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with FBC Chapter 16. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are ANSI/SPRI WD1, FM Loss Prevention Data Sheet 1-29, RAS 117 and RAS 137. Assemblies marked with an asterisk* carry the limitations set forth in Section 2.2.10.1 of FM Loss Prevention Data Sheet 1-29 for Zone 2/3 enhancements.</p> <p>(d) For fully-adhered installations, the maximum design pressure for the selected assembly shall meet or exceed the critical design pressure. Rational analysis is not permitted.</p>	<p>"MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (<i>the 2 to 1 margin of safety per TAS 114 has already been applied</i>). Refer to FBC HVHZ 1620 or RAS 128 for determination of design wind loads.</p> <p>The MDP for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with FBC HVHZ 1620 or RAS 128. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Analysis shall be in accordance with RAS 117 or RAS 137.</p> <p>For assemblies marked with an asterisk*, the maximum design pressure (MDP) limitation shall be applicable to all roof pressure zones. Rational analysis is not permitted.</p>



4.3 System Listings and Allowable Design Pressures: See Section 4.2.4

ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE						
TABLE	DECK	APPLICATION	TYPE	DESCRIPTION		PAGE
1A	Wood	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover		10
1B	Wood	New, Reroof (Tear-Off) or Recover	C-2	Mechanically Attached Insulation, Induction Welded Roof Cover		11
1C	Wood	New, Reroof (Tear-Off) or Recover	D-1	Insulated, Mechanically Attached Roof Cover		12
1D	Wood	New, Reroof (Tear-Off) or Recover	D-1	Insulated, Bonded Vapor Barrier, Mechanically Attached Roof Cover		13
1E	Wood	New, Reroof (Tear-Off) or Recover	E-1	Non-Insulated, Mechanically Attached Roof Cover		13
2A	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation(s), Bonded Roof Cover		14
2B	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation(s), Bonded Roof Cover		23
2C	Steel	New or Reroof (Tear-Off)	B-2	Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation(s), Bonded Roof Cover		24
2D	Steel	New or Reroof (Tear-Off)	B-2	Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation(s), Bonded Roof Cover		34
2E	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover		38
2F	Steel or Structural Concrete	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover		44
2G	Steel	New, Reroof (Tear-Off) or Recover	C-2	Mechanically Attached Insulation, Induction Welded Roof Cover		45
2H	Steel	New, Reroof (Tear-Off) or Recover	D-1	Insulated, Mechanically Attached Roof Cover		52
3A	Structural Concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover		55
3B	Structural Concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Base Ply(s), Bonded Roof Cover		61
3C	Structural Concrete	New, Reroof (Tear-Off) or Recover	C-2	Mechanically Attached Insulation, Induction Welded Roof Cover		65
3D	Structural Concrete	New, Reroof (Tear-Off) or Recover	D-1	Insulated, Mechanically Attached Roof Cover		69
3E	Structural Concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover		70
3F	Structural Concrete	New or Reroof (Tear-Off)	G	Perimeter Attached Roof Cover, Pressure Equalizing Vent		71
4A	Existing Lightweight Concrete	Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover		71
4B	Lightweight Concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover		71
5A	Cementitious Wood Fiber	New or Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover		73
5B	Cementitious Wood Fiber	New or Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover		75
5C	Cementitious Wood Fiber	Reroof (Tear-Off) or Recover	D-1	Insulated, Mechanically Attached Roof Cover		75
6A	Existing Gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover		75
6B	Existing Gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation(s), Bonded Roof Cover		78
6C	Existing Gypsum	Reroof (Tear-Off)	D-1	Insulated, Mechanically Attached Roof Cover		79
7A	Various	Recover	A-1	Bonded Insulation(s), Bonded Roof Cover		79
7B	Various	Recover	A-1	Bonded Insulation(s), Bonded Roof Cover		88
7C	Steel	Recover	C-2	Mechanically Attached Insulation, Induction Welded Roof Cover		90
7D	Steel	Recover	D-1	Insulated, Mechanically Attached Roof Cover		92
7E	Various	Recover	F	Non-Insulated, Bonded Roof Cover		92



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

Table with 8 columns: System No., Deck, Base Insulation Layer, Top Insulation Layer (Type, Fastener, Attach), Roof Cover, and MDP. Rows include W-1 through W-6, detailing various insulation and fastener options for different deck types and adhesive applications.



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

System No.	Deck (4.1.2)	Thermal Barrier and/or Insulation Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.3)	Density		
W-7.	Code minimum plywood or OSB. Section 4.1.2	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D</i> ≥ 375 lbf) <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	12-inch o.c. in rows 60-inch o.c. <u>along wood structural members</u>	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5 (NO HVHZ)
W-8.	Code minimum plywood or OSB. Section 4.1.2	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D</i> ≥ 375 lbf) <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	12-inch o.c. in rows 60-inch o.c. <u>along wood structural members</u>	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5 (NO HVHZ)
W-9.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	Any approved thermal barrier and/or insulation, any combination	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D</i> ≥ 540 lbf) <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	24-inch o.c. in staggered rows 36-inch o.c. <u>along wood structural members</u>	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-45.0*
W-10.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	Any approved thermal barrier and/or insulation, any combination	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D</i> ≥ 540 lbf) <u>Plate Options:</u> Trufast PVC IW Plate	24-inch o.c. in staggered rows 36-inch o.c. <u>along wood structural members</u>	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-45.0*
W-11.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	Any approved thermal barrier and/or insulation, any combination	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D</i> ≥ 525 lbf) <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	12-inch o.c. in rows spaced 60-inch o.c. <u>along wood structural members</u>	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-52.5
W-12.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	Any approved thermal barrier and/or insulation, any combination	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D</i> ≥ 525 lbf) <u>Plate Options:</u> Trufast PVC IW Plate	12-inch o.c. in rows spaced 60-inch o.c. <u>along wood structural members</u>	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-52.5
W-13.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D</i> ≥ 300 lbf) <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	6-inch o.c. in rows 60-inch o.c. <u>along wood structural members</u>	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-60.0
W-14.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D</i> ≥ 375 lbf) <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	6-inch o.c. in rows 60-inch o.c. <u>along wood structural members</u>	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-60.0



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

System No.	Deck (4.1.2)	Thermal Barrier and/or Insulation Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)	
			Fastener (3.1.1, 4.2.3)	Density			
W-15.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	Any approved thermal barrier and/or insulation, any combination	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D</i> ≥ 540 lbf) Plate Options: FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert		24-inch o.c. in staggered rows 24-inch o.c. <u>along wood structural members</u>	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-67.5
W-16.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	Any approved thermal barrier and/or insulation, any combination	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D</i> ≥ 540 lbf) Plate Options: Trufast PVC IW Plate		24-inch o.c. in staggered rows 24-inch o.c. <u>along wood structural members</u>	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-67.5
W-17.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	Any approved thermal barrier and/or insulation, any combination	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D</i> ≥ 450 lbf) Plate Options: FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert		6-inch o.c. in rows 60-inch o.c. <u>along wood structural members</u>	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-90.0
W-18.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	Any approved thermal barrier and/or insulation, any combination	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener (<i>Field W/D</i> ≥ 450 lbf) Plate Options: Trufast PVC IW Plate		6-inch o.c. in rows 60-inch o.c. <u>along wood structural members</u>	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-90.0

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

System No.	Deck (4.1.2)	Insulation or Thermal Barrier (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.3)	Attachment	
W-19.	Min. 19/32-inch plywood; 24-inch span	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-30.0 (NO HVHZ)
W-20.	Min. 19/32-inch plywood; 24-inch span	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Open: 6 x 51-inch	-37.5 (NO HVHZ)
W-21.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-45.0
W-22.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 9 x 51-inch	-52.5
W-23.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-52.5
W-24.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Closed: 12 x 72-inch through wood sheathing to engage the structural members.	-60.0
W-25.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 96-inch through wood sheathing to engage the structural members.	-67.5



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

System No.	Deck (4.1.2)	Insulation or Thermal Barrier (3.1.2)		Vapor Barrier (3.1.4)	Insulation Layer(s) (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach		Type	Attach	Membrane	Fastener (3.1.1, 4.2.3)	Attachment	
W-26.	Two (2) plies, min. 23/32-inch plywood; 2 ft span; 8d ring shank nails; 1st ply to structural members, 6" o.c.; 2nd ply to 1st ply 6" o.c.in rows 24" o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Prelim. attached	BP2-FTRSBSA	Min. 2.0-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	Prelim. attached	FiberTite XT, SM or Xtreme	FiberTite Magnum Fastener or OMG #14 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 37-inch	-105.0
W-27.	Two (2) plies; 2 ft span; 1 st ply, min. 15/32-inch plywood to structural members; 8d ring shank nails, 6" o.c. followed by 2 nd ply, min. 23/32-inch plywood to structural members; SFS Dekfast DF-#12-PH3, 12" o.c.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Prelim. attached	BP2-FTRSBSA	Min. 2.0-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	Prelim. attached	FiberTite XT, SM or Xtreme	FiberTite Magnum Fastener or OMG #14 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 37-inch	-112.5

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

System No.	Deck (4.1.2)	Thermal Barrier (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.3)	Attachment	
W-28.	Min. 19/32-inch plywood; 24-inch span	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-30.0 (NO HVHZ)
W-29.	Min. 19/32-inch plywood; 24-inch span	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Open: 6 x 51-inch	-37.5 (NO HVHZ)
W-30.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-45.0
W-31.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 9 x 51-inch	-52.5



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

System No.	Deck (4.1.2)	Thermal Barrier (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.3)	Attachment	
W-32.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-52.5
W-33.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Closed: 12 x 72-inch through wood sheathing to engage the structural members.	-60.0
W-34.	Min. 19/32-inch plywood; 2 ft span; 8d ring shank nails, 6" o.c.	(Optional) Any approved thermal barrier	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 96-inch through wood sheathing to engage the structural members.	-67.5

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

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:								
S-1.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	BB1-190E or BB2-190E	-45.0*
S-2.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	BB1-190E or BB2-190E	-45.0*
S-3.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	One or more layers FTR-VALUE, FTR-VALUE A or FTR-VALUE H	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	BB1-190E or BB2-190E	-45.0*
S-4.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	BB1-190E or BB2-190E	-45.0*
S-5.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft2	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	BB1-190E or BB2-190E	-45.0*
S-6.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-45.0*
S-7.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-45.0*
S-8.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	BB1-190E or BB2-190E	-52.5



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

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)		
S-9.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-52.5
S-10.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	BB1-190E or BB2-190E	-60.0
S-11.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR-601 PG, M-PG1-EF-ECO or Polyset CRA	BB1-190E or BB2-190E	-60.0
S-12.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	BB1-190E or BB2-190E	-60.0
S-13.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR-601 PG, M-PG1-EF-ECO or Polyset CRA	BB1-190E or BB2-190E	-60.0
S-14.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt (full coverage) or FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA, 6-inch o.c.	BB1-190E or BB2-190E	-67.5
S-15.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt (full coverage) or FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA, 6-inch o.c.	BB1-190E or BB2-190E	-67.5
S-16.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA, 6-inch o.c.	BB1-190E or BB2-190E	-90.0
S-17.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA, 6-inch o.c.	BB1-190E or BB2-190E	-90.0
S-18.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span, #12 HWH Tek 5 with 3/4" washers, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, OMG #14 Roofgrip or Trufast #14 HD Plate Options: Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CRA	BB1-190E or BB2-190E	-105.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:								
S-19.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	BB3-ATBA or BB4-ATBA	-45.0*



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

Table with 9 columns: System No., Deck (4.1.2), Base Insulation Layer (Type, Fastener (3.1.1, 4.2.3), Attach), Top Insulation Layer (Type, Attach (3.1.3)), Roof Cover (3.1.4), and MDP (psf). Rows S-20 through S-32 detail various construction specifications and load requirements.



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

Table with 9 columns: System No., Deck (4.1.2), Base Insulation Layer (Type, Fastener (3.1.1, 4.2.3), Attach), Top Insulation Layer (Type, Attach (3.1.3)), Roof Cover (3.1.4), and MDP (psf). Rows include systems S-33 through S-44, detailing various insulation and fastener specifications.



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

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)		
S-45.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt (full coverage) or FTR 601, FTR-601 PG, M-PG-EF-ECO, OB500, Polyset Board-Max or Polyset CRA, 6-inch o.c.	FB1-290	-67.5
S-46.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt (full coverage) or FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA, 6-inch o.c.	FB1-290	-67.5
S-47.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA, 6-inch o.c.	FB1-290	-90.0
S-48.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA, 6-inch o.c.	FB1-290	-90.0
S-49.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span, #12 HWH Tek 5 with 3/4" washers, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	<i>Fastener Options:</i> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, OMG #14 Roofgrip or Trufast #14 HD <i>Plate Options:</i> Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate"	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CRA	FB1-290	-105.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-390:								
S-50.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB2-390	-45.0*
S-51.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB2-390	-45.0*
S-52.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	One or more layers FTR-VALUE, FTR-VALUE A or FTR-VALUE H	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB2-390	-45.0*
S-53.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	FB2-390	-45.0*
S-54.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	FB2-390	-45.0*
S-55.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB2-390	-45.0*



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

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)		
S-56.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB2-390	-45.0*
S-57.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	FB2-390	-52.5
S-58.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt (full coverage) or FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA, 6-inch o.c.	FB2-390	-67.5
S-59.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA, 6-inch o.c.	FB2-390	-90.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-490:								
S-60.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB3-490	-45.0*
S-61.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft2	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB3-490	-45.0*
S-62.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	FB3-490	-45.0*
S-63.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	FB3-490	-45.0*
S-64.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	FB3-490	-52.5
S-65.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB3-490	-52.5
S-66.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	FB3-490	-60.0
S-67.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR-601 PG, M-PG1-EF-ECO or Polyset CRA	FB3-490	-60.0



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

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)		
S-68.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB3-490	-60.0
S-69.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR-601 PG, M-PG1-EF-ECO or Polyset CRA	FB3-490	-60.0
S-70.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt (full coverage) or FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA, 6-inch o.c.	FB3-490	-67.5
S-71.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt (full coverage) or FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA, 6-inch o.c.	FB3-490	-67.5
S-72.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA, 6-inch o.c.	FB3-490	-90.0
S-73.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA, 6-inch o.c.	FB3-490	-90.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN HOT ASPHALT:								
S-74.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB4-HA	-45.0*
S-75.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB4-HA	-45.0*
S-76.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	FB4-HA	-45.0*
S-77.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	FB4-HA	-45.0*
S-78.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB4-HA	-52.5
S-79.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	FB4-HA	-52.5



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

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)		
S-80.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt (full-coverage), FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA, 6-inch o.c.	FB4-HA	-67.5
S-81.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt (full-coverage) or FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA, 6-inch o.c.	FB4-HA	-67.5
S-82.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA, 6-inch o.c.	FB4-HA	-90.0
S-83.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA, 6-inch o.c.	FB4-HA	-90.0
S-84.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span; #12 HWH Tek 5 with 3/4" washers, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	<i>Fastener Options:</i> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, OMG #14 Roofgrip or Trufast #14 HD <i>Plate Options:</i> Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CRA	FB4-HA	-105.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE (SPATTER) OR FTR 601-PG (SPATTER):								
S-85.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB5-CR20 or FB6-601PG	-45.0*
S-86.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft2	(Optional) One or more layers of Base Insulation (flat or tapered)	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB5-CR20 or FB6-601PG	-45.0*
S-87.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	One or more layers FTR-VALUE A, FTR-VALUE H or FTR-Value H Glass Facer	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB5-CR20 or FB6-601PG	-45.0*
S-88.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB5-CR20 or FB6-601PG	-45.0*
S-89.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft2	Min. 0.5-inch DensDeck Prime or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB5-CR20 or FB6-601PG	-45.0*
S-90.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-45.0*



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

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)		
S-91.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-45.0*
S-92.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB5-CR20 or FB6-601PG	-52.5
S-93.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-52.5
S-94.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	FB5-CR20 or FB6-601PG	-60.0
S-95.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA	FB5-CR20 or FB6-601PG	-60.0
S-96.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt (full-coverage), FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA, 6-inch o.c.	FB5-CR20 or FB6-601PG	-67.5
S-97.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt (full-coverage) or FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA, 6-inch o.c.	FB5-CR20 or FB6-601PG	-67.5
S-98.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA, 6-inch o.c.	FB5-CR20 or FB6-601PG	-90.0
S-99.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft2	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500 or Polyset CRA, 6-inch o.c.	FB5-CR20 or FB6-601PG	-90.0
S-100.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span, #12 HWH Tek 5 with 3/4" washers, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, OMG #14 Roofgrip or Trufast #14 HD Plate Options: Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CRA	FB5-CR20 or FB6-601PG	-105.0



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

System No.	Deck (4.1.2)	Base Insulation Layer			Top Insulation Layer		Roof Cover (3.1.4)			MDP (psf)
		Type	Fastener (3.1.1, 4.2.3)	Attach	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-101.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber-Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB2-390, FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-45.0*
S-102.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 4.0 ft2	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber-Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB2-390, FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-45.0*
S-103.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 2.0 ft2	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber-Roof Board	FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-52.5
S-104.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber-Roof Board	hot asphalt, FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-60.0
S-105.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.3 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt (full-coverage), FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-67.5
S-106.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Section 3.1.1 (#14 or #15 screws)	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, M-PG1-EF-ECO, OB500, Polyset Board-Max or Polyset CRA, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-90.0
S-107.	Min. 22 ga., Type B, Grade 40 steel; 6 ft span, #12 HWH Tek 5 with 3/4" washers, 6" o.c. or structural concrete	Min. 2-inch FTR-VALUE A or FTR-VALUE H	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, OMG #14 Roofgrip or Trufast #14 HD Plate Options: Dekfast PLT-H-2-7/8, OMG 3" Galvalume Steel Plate, OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft2	Min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CRA	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-105.0



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

SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)	MDP (psf)
		Type	Fasten (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:										
S-108.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	None	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-45.0*
S-109.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Cement Roof Board	Section 3.1.1	1 per 4.0 ft ²	ASTM D41	BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-45.0*
S-110.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-52.5
S-111.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-52.5
S-112.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-52.5
S-113.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 2.0 ft ²	(Optional) ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-52.5



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

SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)	MDP (psf)
		Type	Fasten (3.1.1) , 4.2.3)	Attach			Type	Attach (3.1.3)		
S-114.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-75.0
S-115.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-75.0
S-116.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-75.0
S-117.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.3 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-75.0
S-118.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-82.5



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

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)	MDP (psf)
		Type	Fasten (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)		
S-119.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-82.5
S-120.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-82.5
S-121.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-82.5
S-122.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-90.0
S-123.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-90.0



TABLE 2c: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)										
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER										
System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)	MDP (psf)
		Type	Fasten (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)		
S-124.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-90.0
S-125.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c.	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat) or OMG AccuTrac Flat Bottom Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-105.0
S-126.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-105.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:										
S-127.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	None	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-45.0*
S-128.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Cement Roof Board	Section 3.1.1	1 per 4.0 ft ²	ASTM D41	BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-45.0*
S-129.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate		FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-52.5



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

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)	MDP (psf)
		Type	Fasten (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)		
S-130.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate		FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-52.5
S-131.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-52.5
S-132.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 2.0 ft ²	(Optional) ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-52.5
S-133.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-75.0
S-134.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-75.0
S-135.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-75.0



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

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)	MDP (psf)
		Type	Fasten (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)		
S-136.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.3 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-75.0
S-137.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-82.5
S-138.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-82.5
S-139.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-82.5
S-140.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-82.5
S-141.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-90.0



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

SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)	MDP (psf)
		Type	Fasten (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)		
S-142.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-90.0
S-143.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-90.0
S-144.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat) or OMG AccuTrac Flat Bottom Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-105.0
S-145.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-105.0
FIBERTITE-FB APPLICATIONS:										
S-146.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	None	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-45.0*
S-147.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Cement Roof Board	Section 3.1.1	1 per 4.0 ft ²	ASTM D41	BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-45.0*



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

SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)	MDP (psf)
		Type	Fasten (3.1.1) , (4.2.3)	Attach			Type	Attach (3.1.3)		
S-148.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-52.5
S-149.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-52.5
S-150.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-52.5
S-151.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate	1 per 2.0 ft ²	(Optional) ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-52.5
S-152.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-75.0



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

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)	MDP (psf)
		Type	Fasten (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)		
S-153.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-75.0
S-154.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-75.0
S-155.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.3 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-75.0
S-156.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-82.5
S-157.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-82.5



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

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)	MDP (psf)
		Type	Fasten (3.1.1) , (4.2.3)	Attach			Type	Attach (3.1.3)		
S-158.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-82.5
S-159.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-82.5
S-160.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-90.0
S-161.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-90.0
S-162.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-90.0



TABLE 2C: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)										
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER										
System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)	MDP (psf)
		Type	Fasten (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)		
S-163.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 0.5-inch DensDeck Prime	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat) or OMG AccuTrac Flat Bottom Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-105.0
S-164.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290, FB2-390, FB3-490, FB4-HA, FB5-CR20 or FB6-601PG	-105.0

TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)												
SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED INSULATION(S), BONDED ROOF COVER												
System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fasten (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-165.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft ²	None	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-45.0*
S-166.	Min. 22 ga., Type B, Grade 33 steel	Min. 0.5-inch SECUROCK Cement Roof Board	Section 3.1.1	1 per 4.0 ft ²	ASTM D41	BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch SECUROCK Gypsum Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-45.0*
S-167.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-52.5



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

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fasten (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-168.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 2.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-52.5
S-169.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft ²	(Optional) ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-52.5
S-170.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 2.0 ft ²	(Optional) ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt, FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-52.5
S-171.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	(Optional) ASTM D41	BP2-FTRSBSA or BP3-CEFA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-60.0
S-172.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.3 ft ²	(Optional) ASTM D41	BP2-FTRSBSA or BP3-CEFA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-60.0
S-173.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-75.0



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

Table with 13 columns: System No., Deck, Thermal Barrier (Type, Fasten, Attach), Primer, Vapor Barrier, Insulation Layer(s) (Type, Attach), Roof Cover (Base Ply, Ply, Cap Ply), and MDP (psf). Rows S-174 through S-179 detail various construction specifications and material options.



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

System No.	Deck (4.1.2)	Thermal Barrier			Primer	Vapor Barrier (3.1.4)	Insulation Layer(s)		Roof Cover (3.1.4)			MDP (psf)
		Type	Fasten (3.1.1, 4.2.3)	Attach			Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
S-180.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-82.5
S-181.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-90.0
S-182.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c.	Min. 7/16-inch DEXcell Cement Roof Board or Min. 0.5-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-90.0
S-183.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	ASTM D41	BP1-HA or BP4-TA	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt or FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-90.0
S-184.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c.	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat) or OMG AccuTrac Flat Bottom Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-105.0
S-185.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c.	Min. 0.5-inch SECUROCK Cement Roof Board	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate	1 per 1.0 ft ²	FTR SA Primer or SOPREMA "ELASTOCOL Stick"	VaporTite, self-adhering	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-105.0



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

System No.	Deck (4.1.2)	Base Insulation Layer (3.1.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN FTR-190E:							
S-186.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft2	BB1-190E or BB2-190E	-37.5* (NO HVHZ)
S-187.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft2	BB1-190E or BB2-190E	-45.0*
S-188.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft2	BB1-190E or BB2-190E	-45.0*
S-189.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft2	BB1-190E or BB2-190E	-45.0*
S-190.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft2	BB1-190E or BB2-190E	-67.5
S-191.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft2	BB1-190E or BB2-190E	-67.5
S-192.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft2	BB1-190E or BB2-190E	-82.5
S-193.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft2	BB1-190E or BB2-190E	-97.5
S-194.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft2	BB1-190E or BB2-190E	-97.5



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

Table with 8 columns: System No., Deck, Base Insulation Layer, Top Insulation Layer (Type, Fastener, Attach), Roof Cover, and MDP. Rows S-195 to S-203 detail various construction scenarios with material specifications and performance metrics.



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

System No.	Deck (4.1.2)	Base Insulation Layer (3.1.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach		
S-204.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span, #12 HWH Tekes 5 with 3/8-inch washers, 6" o.c.	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H, loose-laid	Min. 0.5-inch DEXcell FA Glass Mat Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, Dekfast DF-#14-PH3, Dekfast DF-#15-PH3, OMG XHD, Trufast #14 HD or Trufast #15 EHD Plate Options: FiberTite 3-inch Steel Plate, SFS Dekfast PLT-R-3, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft2	BB3-ATBA or BB4-ATBA	-105.0
S-205.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span, #12 HWH Tekes 5 with 3/8-inch washers, 6" o.c.	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H, loose-laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #14, FiberTite Magnum, OMG XHD, Trufast #14 HD or Trufast #15 EHD Plate Options: FiberTite 3-inch Steel Plate, SFS Dekfast PLT-H-2-7/8, SFS Dekfast PLT-R-3, SFS TPA50, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft2	BB3-ATBA or BB4-ATBA	-105.0
S-206.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span, #12 HWH Tekes 5 with 3/8-inch washers, 6" o.c.	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H, loose-laid	Min. 0.5-inch DensDeck Prime	Fastener Options: FiberTite #14, FiberTite Magnum, DF-#14-PH3, Dekfast DF-#15-PH3, OMG XHD, Trufast #14 HD or Trufast #15 EHD Plate Options: FiberTite 3-inch Steel Plate, SFS Dekfast PLT-H-2-7/8, SFS Dekfast PLT-R-3, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft2	BB3-ATBA or BB4-ATBA	-157.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-290:							
S-207.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft2	FB1-290	-37.5* (NO HVHZ)
S-208.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft2	FB1-290	-45.0*
S-209.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft2	FB1-290	-45.0*
S-210.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft2	FB1-290	-45.0*
S-211.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft2	FB1-290	-67.5



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

System No.	Deck (4.1.2)	Base Insulation Layer (3.1.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach		
S-212.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft2	FB1-290	-67.5
S-213.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft2	FB1-290	-82.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-390:							
S-214.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft2	FB2-390	-37.5* (NO HVHZ)
S-215.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft2	FB2-390	-45.0*
S-216.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft2	FB2-390	-45.0*
S-217.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft2	FB2-390	-45.0*
S-218.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft2	FB2-390	-67.5
S-219.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft2	FB2-390	-67.5
S-220.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft2	FB2-390	-82.5



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

System No.	Deck (4.1.2)	Base Insulation Layer (3.1.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach		
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN HOT ASPHALT:							
S-221.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft2	FB4-HA	-37.5* (NO HVHZ)
S-222.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft2	FB4-HA	-45.0*
S-223.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft2	FB4-HA	-45.0*
S-224.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft2	FB4-HA	-45.0*
S-225.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft2	FB4-HA	-67.5
S-226.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft2	FB4-HA	-67.5
S-227.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft2	FB4-HA	-82.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE (SPATTER) OR FTR 601-PG (SPATTER):							
S-228.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft2	FB5-CR20, FB6-601PG	-37.5* (NO HVHZ)
S-229.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 1.5-inch FTR-VALUE A	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD Plate Options: FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft2	FB5-CR20, FB6-601PG	-45.0*



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

System No.	Deck (4.1.2)	Base Insulation Layer (3.1.2)	Top Insulation Layer			Roof Cover (3.1.4)	MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach		
S-230.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 1.5-inch FTR-VALUE H or FTR-Value H Glass Facer	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft2	FB5-CR20, FB6-601PG	-45.0*
S-231.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft2	FB5-CR20, FB6-601PG	-45.0*
S-232.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft2	FB5-CR20, FB6-601PG	-45.0*
S-233.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft2	FB5-CR20	-45.0*
S-234.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft2	FB5-CR20, FB6-601PG	-67.5
S-235.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft2	FB5-CR20, FB6-601PG	-67.5
S-236.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 5/8-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft2	FB5-CR20, FB6-601PG	-82.5
S-237.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft2	FB5-CR20, FB6-601PG	-105.0
S-238.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft2	FB5-CR20, FB6-601PG	-105.0



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

System No.	Deck (4.1.2)	Base Insulation Layer (3.1.2)	Top Insulation Layer			Roof Cover (3.1.4)			MDP (psf)
			Type	Fastener (3.1.1, 4.2.3)	Attach	Base Ply	Ply	Cap Ply	
S-239.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft2	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-37.5* (NO HVHZ)
S-240.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.0 ft2	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB2-390, FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-45.0*
S-241.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 5/8-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 4.0 ft2	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-45.0*
S-242.	Min. 22 ga., Type B, Grade 33 steel or structural concrete	One or more layers, any combination	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 2.7 ft2	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-45.0*
S-243.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, OMG 3 in. Galvalume Steel Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft2	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-67.5
S-244.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum, FTR-Magnum O, FTR-MagnumT, Trufast #12 DP or Trufast #14 HD <u>Plate Options:</u> FiberTite 3-in Steel Plate, Dekfast PLT-H-2-7/8, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.3 ft2	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-67.5
S-245.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c. or structural concrete	One or more layers, any combination	Min. 5/8-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Section 3.1.1	1 per 1.6 ft2	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-82.5
S-246.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span, #12 HWH Tek 5 with 3/4-inch washers, 6" o.c.	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H, loose-laid	Min. 0.5-inch DensDeck Prime	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum, DF-#14-PH3, Dekfast DF-#15-PH3, OMG XHD, Trufast #14 HD or Trufast #15 EHD <u>Plate Options:</u> FiberTite 3-inch Steel Plate, SFS Dekfast PLT-H-2-7/8, SFS Dekfast PLT-R-3, OMG 3 in. Galvalume Steel Plate (Flat), OMG 3 in. Ribbed Galvalume Plate (Flat), OMG AccuTrac Flat Bottom Plate or Trufast 3" Metal Insulation Plate	1 per 1.0 ft2	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-105.0



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

Table with 10 columns: System No., Deck, Base Insulation Layer, Top Insulation Layer (Type, Fastener, Attach), Roof Cover (Base Ply, Ply, Cap Ply), and MDP (psf). Rows S-247 and S-248.

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

Table with 6 columns: System No., Deck, Insulation Layer, Attach (Fastener, Density), Roof Cover, and MDP (psf). Rows S-249, S-250, S-251, S-252, and S-253.



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

System No.	Deck (4.1.2)	Insulation Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.3)	Density		
S-254.	Min. 22 ga., Type B, Grade 33 steel, 5/8" puddle welds, 6" o.c.	One or more layers, any combination, min. 0.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 4.0 ft ² (Eight parts per 4x8 ft board) 2 x 2 ft grid, staggered 6-inches	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5 (NO HVHZ)
S-255.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 8 ft ² (Four parts per 4x8 ft board) 2 x 4 ft grid	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5* (NO HVHZ)
S-256.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 8 ft ² (Four parts per 4x8 ft board) 2 x 4 ft grid	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5* (NO HVHZ)
S-257.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 6 ft ² 2x3-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5 (NO HVHZ)
S-258.	Min. 22 ga., type B, Grade 80 steel	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 6 ft ² 2x3-ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5 (NO HVHZ)
S-259.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5 (NO HVHZ)
S-260.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft, preliminarily attached	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	12-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5 (NO HVHZ)
S-261.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	1 per 6 ft ² 2x3-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-45.0*



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

System No.	Deck (4.1.2)	Insulation Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.3)	Density		
S-262.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: Trufast PVC IW Plate	1 per 6 ft ² 2x3-ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with RhinoBond Portable Plate Bonding Tool	-45.0*
S-263.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 5.3 ft ² (Six parts per 4x8 ft board)	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0*
S-264.	Min. 22 ga., type B, Grade 33 steel	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 5.3 ft ² (Six parts per 4x8 ft board)	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0*
S-265.	Min. 22 ga., type B, Grade 33 steel, 6 ft span, #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 4.0 ft ² (Eight parts per 4x8 ft board) 2 x 2 ft grid	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0
S-266.	Min. 22 ga., type B, Grade 33 steel, 6 ft span, #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 4.0 ft ² (Eight parts per 4x8 ft board) 2 x 2 ft grid	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0
S-267.	Min. 22 ga., type B, Grade 33 steel, 6 ft span, #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	1 per 4.0 ft ² 2 x 2 ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-45.0
S-268.	Min. 22 ga., type B, Grade 33 steel, 6 ft span, #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: Trufast PVC IW Plate	1 per 4.0 ft ² 2 x 2 ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-45.0
S-269.	Min. 22 ga., type B, Grade 33 steel; 6 ft span; SFS SD5-#12-HW5/16 with 3/8" steel washers, 6" o.c.	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	2 x 2 ft grid pattern with first row of fasteners spaced 1 ft from corner edges	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0
S-270.	Min. 22 ga., type B, Grade 33 steel; 6 ft span; SFS SD5-#12-HW5/16 with 3/8" steel washers, 6" o.c.	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	2 x 2 ft grid pattern with first row of fasteners spaced 1 ft from corner edges	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0
S-271.	Min. 22 ga., type B, Grade 40 steel; 6 ft span; 5/8" puddle welds 6" o.c.	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0



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

System No.	Deck (4.1.2)	Insulation Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.3)	Density		
S-272.	Min. 22 ga., type B, Grade 40 steel; 6 ft span; 5/8" puddle welds 6" o.c.	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	12-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0
S-273.	Min. 22 ga., type B, Grade 80 steel; 6 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0
S-274.	Min. 22 ga., type B, Grade 80 steel; 6 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	12-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-45.0
S-275.	Min. 22 ga., type B, Grade 40 steel; 6 ft span; 5/8" puddle welds 6" o.c.	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 6 ft ² 2x3-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-52.5
S-276.	Min. 22 ga., type B, Grade 40 steel; 6 ft span; 5/8" puddle welds 6" o.c.	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 6 ft ² 2x3-ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-52.5
S-277.	Min. 22 ga., type B, Grade 80 steel; 6 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 4.0 ft ² 2x2-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-52.5
S-278.	Min. 22 ga., type B, Grade 80 steel; 6 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 4.0 ft ² 2x2-ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-52.5
S-279.	Min. 22 ga., type B, Grade 33 steel; 6 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	12-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-52.5
S-280.	Min. 22 ga., type B, Grade 33 steel; 6 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> Trufast PVC IW Plate	12-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-52.5



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

Table with 7 columns: System No., Deck, Insulation Layer, Attach (Fastener, Density), Roof Cover, and MDP (psf). Rows S-281 through S-288 detail various steel deck configurations, insulation layers, fastener options, and roof cover requirements.



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

System No.	Deck (4.1.2)	Insulation Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.3)	Density		
S-289.	Min. 20 ga., type B, Grade 33 steel; 6 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-75.0
S-290.	Min. 20 ga., type B, Grade 33 steel; 6 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> Trufast PVC IW Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-75.0
S-291.	Min. 22 ga., type B, Grade 33 steel; 6 ft span; SFS SD5-#12-HW5/16 with 3/8" steel washers, 6" o.c.	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1.5 x 1.5 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
S-292.	Min. 22 ga., type B, Grade 33 steel; 6 ft span; SFS SD5-#12-HW5/16 with 3/8" steel washers, 6" o.c.	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1.5 x 1.5 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
S-293.	Min. 22 ga., type B, Grade 40 steel; 6 ft span; 5/8" puddle welds 6" o.c.	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 3 ft ² 1.5 x 2-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
S-294.	Min. 22 ga., type B, Grade 40 steel; 6 ft span; 5/8" puddle welds 6" o.c.	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 3 ft ² 1.5 x 2-ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
S-295.	Min. 22 ga., type B, Grade 80 steel; 6 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 3 ft ² 1.5 x 2-ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
S-296.	Min. 22 ga., type B, Grade 80 steel; 6 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 3 ft ² 1.5 x 2-ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5



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

System No.	Deck (4.1.2)	Insulation Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.3)	Density		
S-297.	Min. 22 ga., type B, Grade 33 steel; 4 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-82.5
S-298.	Min. 22 ga., type B, Grade 33 steel; 4 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: Trufast PVC IW Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-82.5
S-299.	Min. 22 ga., type B, Grade 40 steel; 6 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-90.0
S-300.	Min. 22 ga., type B, Grade 40 steel; 6 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-Manufacturer's welding tool.	-90.0
S-301.	Min. 22 ga., type B, Grade 80 steel; 6 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-90.0
S-302.	Min. 22 ga., type B, Grade 80 steel; 6 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite #12, FiberTite #14, FiberTite Magnum Fastener, FTR Magnum O Fastener, FTR MagnumT Fastener or Trufast #14 HD Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-90.0
S-303.	Min. 20 ga., type B, Grade 33 steel; 5 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-90.0
S-304.	Min. 20 ga., type B, Grade 33 steel; 5 ft span; #12 HWH TekS 5, 6" o.c.	One or more layers, any combination, min. 1.5-inch	Fastener Options: FiberTite Magnum Fastener, FTR Magnum O Fastener or FTR MagnumT Fastener Plate Options: Trufast PVC IW Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-90.0



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

System No.	Deck (4.1.2)	Insulation Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)	
			Fastener (3.1.1, 4.2.3)	Density			
S-305.	Min. 18 ga., Type B, Grade 80 steel; 7 ft- 8 in o.c.; 5/8" puddle welds 12" o.c. and ¼" X 20 Daggerz Hex Washer Head screw with ¾" flat washer, 6" o.c.	One or more layers, any combination, min. 4.7-inch polyisocyanurate followed by 0.5-inch gypsum cover board	<u>Fastener Options:</u> FiberTite Magnum Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR IW isoweld or SFS isoweld F1-P-6.8-PVC Plate		1 per 1.6 ft ² (20 parts per 4x8 ft board)	FiberTite-XT induction welded plate-manufacturer's welding tool.	-120.0
S-306.	Min. 18 ga., Type N, Grade 60 steel; 10 ft span; two (2) Hilti X-ENP-19, 8" o.c.	One or more layers, any combination, min. 2.0-inch polyisocyanurate followed by 0.5-inch gypsum cover board	<u>Fastener Options:</u> FiberTite Magnum Fastener or FTR MagnumT Fastener <u>Plate Options:</u> FTR IW isoweld or SFS isoweld F1-P-6.8-PVC Plate		1 per 1.45 ft ² (22 parts per 4x8 ft board)	FiberTite-XT induction welded plate-manufacturer's welding tool.	-127.5

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

System No.	Deck (4.1.2)	Insulation (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.3)	Attachment	
OPEN STYLE, GRADE 33 STEEL:							
S-307.	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 95-inch	-30.0 (NO HVHZ)
S-308.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 18 x 51-inch	-45.0
S-309.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Open: 6 x 95-inch	-45.0
S-310.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 69-inch	-45.0
S-311.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; 12-24 x 1¼ HWH Impax 45 screws, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-52.5
S-312.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; 12-24 x 1¼ HWH Impax 45 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-60.0
S-313.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span, 5/8" puddle welds, 6" o.c.	Min. 0.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-52.5
S-314.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-60.0



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

System No.	Deck (4.1.2)	Insulation (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.3)	Attachment	
S-315.	Min. 20 ga., Type B, Grade 33 steel; 6 ft span; 12-24 x 1¼ HWH Impax 45 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-67.5
S-316.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-MagnumT Fastener with FTR Magnum-R275	Open: 6 x 94-inch	-67.5
OPEN STYLE, GRADE 40 STEEL:							
S-317.	Min. 22 ga., Type B, Grade 40 steel; 7 ft span; 5/8" puddle welds 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum-Plus Stress Plate	Open: 6 x 69-inch	-45.0
OPEN STYLE, GRADE 80 STEEL:							
S-318.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-MagnumT Fastener with FTR Magnum-R275	Open: 18 x 954-inch	-30.0 (NO HVHZ)
S-319.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR FiberTite Magnum-Plus Stress Plate	Open: 18 x 95-inch	-30.0 (NO HVHZ)
S-320.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 105-inch	-37.5 (NO HVHZ)
S-321.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 18 x 51-inch	-45.0
S-322.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; 12-24 x 1¼ HWH Impax screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 72-inch	-45.0
S-323.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Open: 6 x 144-inch	-45.0
S-324.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-MagnumT Fastener with FTR Magnum-R275	Open: 12 x 94-inch	-45.0
S-325.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; 12-24 x 1¼ HWH Impax 45 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR FiberTite Magnum-Plus Stress Plate	Open: 12 x 95-inch	-45.0
S-326.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; 12-24 x 1¼ HWH Impax 45 screws 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR FiberTite Magnum-Plus Stress Plate	Open: 6 x 95-inch	-52.5
S-327.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-60.0
S-328.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Open: 6 x 72-inch	-67.5



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

System No.	Deck (4.1.2)	Insulation (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.3)	Attachment	
S-329.	Min. 22 ga., Type BV, Grade 80 steel; 5 ft span; 5/8" puddle welds 6" o.c.	Min. 2-inch thick, min. 200 psi Elastizell Lightweight Insulating Concrete	N/A	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate through to engage steel deck	Open: 12 x 51-inch	-75.0
S-330.	Min. 22 ga., Type B, Grade 80 steel; 5 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-75.0
S-331.	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 24-inch	-82.5
CLOSED STYLE, GRADE 33 STEEL:							
S-332.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Closed: 6 x 95-inch	-45.0
S-333.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. Attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate	Closed: 12 x 69-inch	-45.0
S-334.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. Attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate	Closed: 6 x 69-inch	-60.0
S-335.	Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. Attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 104.5-inch	-60.0
CLOSED STYLE, GRADE 50 STEEL:							
S-336.	Min. 18 ga., Type B, Grade 50 steel; 6 ft span; #12 HWH Tek 5 with 3/4" washers, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite XT	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate	Closed: 6 x 48.5-inch	-157.5
CLOSED STYLE, GRADE 80 STEEL:							
S-337.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 12 x 104.5-inch	-45.0
S-338.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FTR Magnum2S Plate	Closed: 6 x 144-inch	-52.5
S-339.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 104.5-inch	-75.0
S-340.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 94-inch	-82.5
S-341.	Min. 22 ga., Type B, Grade 80 steel; 5 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 104.5-inch	-90.0
S-342.	Min. 22 ga., Type B, Grade 80 steel; 6 ft span; #12 HWH Tek 5, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 47-inch	-112.5



TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)

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

REFER TO 3.1.5 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)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLIED IN FTR-190E:							
C-1.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	BB1-190E or BB2-190E	-410.0
C-2.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	BB1-190E or BB2-190E	-290.0
C-3.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	BB1-190E or BB2-190E	-375.0
C-4.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-232.5
C-5.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-232.5
C-6.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-247.5
C-7.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-135.0
C-8.	Structural concrete	Min. 1.5-inch FTR-VALUE A or FTR-VALUE H	FTR 601 or FTR-601 PG, 6-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-417.5
C-9.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB1-190E or BB2-190E	-417.5
C-10.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	M-PG1-EF-ECO	(Optional) Additional layer(s) of base insulation	M-PG1-EF-ECO	BB1-190E or BB2-190E	-232.5
C-11.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime	M-PG1-EF-ECO	BB1-190E or BB2-190E	-232.5
C-12.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	BB1-190E or BB2-190E	-247.5
C-13.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	M-PG1-EF-ECO	BB1-190E or BB2-190E	-135.0
C-14.	Structural concrete	Min. 1.5-inch FTR-VALUE A or FTR-VALUE H	M-PG1-EF-ECO, 6-inch o.c.	(Optional) Additional layer(s) of base insulation	M-PG1-EF-ECO, 6-inch o.c.	BB1-190E or BB2-190E	-417.5
C-15.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO, 6-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO, 6-inch o.c.	BB1-190E or BB2-190E	-417.5
C-16.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	OB500	(Optional) Additional layer(s) of base insulation	OB500	BB1-190E or BB2-190E	-150.0
C-17.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck or DensDeck Prime	OB500	BB1-190E or BB2-190E	-150.0
C-18.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	BB1-190E or BB2-190E	-247.5



**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
REFER TO 3.1.5 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)		
C-19.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Polyset Board-Max or Polyset CRA	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CRA	BB1-190E or BB2-190E	-410.0
C-20.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	Polyset Board-Max or Polyset CRA	Min. 0.25-inch DensDeck	Polyset Board-Max or Polyset CRA	BB1-190E or BB2-190E	-240.0
C-21.	Structural concrete	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	Polyset Board-Max or Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CRA	BB1-190E or BB2-190E	-290.0
C-22.	Structural concrete	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	Polyset Board-Max or Polyset CRA	Min. 7/16-inch DEXcell Cement Roof Board	Polyset Board-Max or Polyset CRA	BB1-190E or BB2-190E	-375.0
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
C-23.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	BB3-ATBA or BB4-ATBA	-410.0
C-24.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	BB3-ATBA or BB4-ATBA	-290.0
C-25.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	hot asphalt	BB3-ATBA or BB4-ATBA	-375.0
C-26.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-232.5
C-27.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-232.5
C-28.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-247.5
C-29.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-135.0
C-30.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	FTR 601 or FTR-601 PG, 6-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-417.5
C-31.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-417.5
C-32.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	M-PG1-EF-ECO	(Optional) Additional layer(s) of base insulation	M-PG1-EF-ECO	BB3-ATBA or BB4-ATBA	-232.5
C-33.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime	M-PG1-EF-ECO	BB3-ATBA or BB4-ATBA	-232.5
C-34.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	BB3-ATBA or BB4-ATBA	-247.5



TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)

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

REFER TO 3.1.5 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)		
C-35.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	M-PG1-EF-ECO	BB3-ATBA or BB4-ATBA	-135.0
C-36.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	M-PG1-EF-ECO, 6-inch o.c.	(Optional) Additional layer(s) of base insulation	M-PG1-EF-ECO, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-417.5
C-37.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO, 6-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO, 6-inch o.c.	BB3-ATBA or BB4-ATBA	-417.5
C-38.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	OB500	(Optional) Additional layer(s) of base insulation	OB500	BB3-ATBA or BB4-ATBA	-150.0
C-39.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck Prime	OB500	BB3-ATBA or BB4-ATBA	-150.0
C-40.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	BB3-ATBA or BB4-ATBA	-247.5
C-41.	Structural concrete	Min. 1-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Polyset Board-Max or Polyset CRA	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CRA	BB3-ATBA or BB4-ATBA	-410.0
C-42.	Structural concrete	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	Polyset Board-Max or Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CRA	BB3-ATBA or BB4-ATBA	-290.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-290:							
C-43.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	FB1-290	-410.0
C-44.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	FB1-290	-290.0
C-45.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	FB1-290	-375.0
C-46.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	FB1-290	-232.5
C-47.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	FB1-290	-232.5
C-48.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB1-290	-247.5
C-49.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	FB1-290	-135.0
C-50.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB1-290	-417.5
C-51.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	M-PG1-EF-ECO	(Optional) Additional layer(s) of base insulation	M-PG1-EF-ECO	FB1-290	-232.5



**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
REFER TO 3.1.5 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)		
C-52.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime	M-PG1-EF-ECO	FB1-290	-232.5
C-53.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	FB1-290	-247.5
C-54.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	M-PG1-EF-ECO	FB1-290	-135.0
C-55.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO, 6-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	M-PG1-EF-ECO, 6-inch o.c.	FB1-290	-417.5
C-56.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	OB500	(Optional) Additional layer(s) of base insulation	OB500	FB1-290	-150.0
C-57.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck or DensDeck Prime	OB500	FB1-290	-150.0
C-58.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	FB1-290	-247.5
C-59.	Structural concrete	Min. 1-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Polyset Board-Max or Polyset CRA	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CRA	FB1-290	-410.0
C-60.	Structural concrete	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	Polyset Board-Max or Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CRA	FB1-290	-290.0
C-61.	Structural concrete	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	Polyset Board-Max or Polyset CRA	Min. 7/16-inch DEXcell Cement Roof Board	Polyset Board-Max or Polyset CRA	FB1-290	-375.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-390 OR FTR-490:							
C-62.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation	hot asphalt	FB2-390 or FB3-490	-410.0
C-63.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	FB2-390 or FB3-490	-290.0
C-64.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	FB2-390 or FB3-490	-375.0
C-65.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	FB2-390 or FB3-490	-232.5
C-66.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB2-390 or FB3-490	-232.5
C-67.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	FB2-390 or FB3-490	-135.0



**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*
REFER TO 3.1.5 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)		
C-68.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB2-390 or FB3-490	-417.5
C-69.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB3-490	-417.5
C-70.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	M-PG1-EF-ECO	(Optional) Additional layer(s) of base insulation	M-PG1-EF-ECO	FB2-390 or FB3-490	-232.5
C-71.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	FB2-390 or FB3-490	-232.5
C-72.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	M-PG1-EF-ECO	FB2-390 or FB3-490	-135.0
C-73.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO, 6-inch o.c.	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	M-PG1-EF-ECO, 6-inch o.c.	FB2-390 or FB3-490	-417.5
C-74.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO, 6-inch o.c.	FB3-490	-417.5
C-75.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	OB500	(Optional) Additional layer(s) of base insulation	OB500	FB2-390 or FB3-490	-150.0
C-76.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	FB2-390 or FB3-490	-150.0
C-77.	Structural concrete	Min. 1-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Polyset Board-Max or Polyset CRA	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CRA	FB2-390 or FB3-490	-410.0
C-78.	Structural concrete	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	Polyset Board-Max or Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CRA	FB2-390 or FB3-490	-290.0
C-79.	Structural concrete	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	Polyset Board-Max or Polyset CRA	Min. 7/16-inch DEXcell Cement Roof Board	Polyset Board-Max or Polyset CRA	FB2-390 or FB3-490	-375.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN HOT ASPHALT:							
C-80.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	FB4-HA	-290.0
C-81.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	FB4-HA	-375.0
C-82.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	FB4-HA	-232.5
C-83.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB4-HA	-247.5
C-84.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	FB4-HA	-135.0



TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)

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

REFER TO 3.1.5 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)		
C-85.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB4-HA	-417.5
C-86.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime	M-PG1-EF-ECO	FB4-HA	-232.5
C-87.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	FB4-HA	-247.5
C-88.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	M-PG1-EF-ECO	FB4-HA	-135.0
C-89.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO, 6-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	M-PG1-EF-ECO, 6-inch o.c.	FB4-HA	-417.5
C-90.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck or DensDeck Prime	OB500	FB4-HA	-150.0
C-91.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	FB4-HA	-247.5
C-92.	Structural concrete	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	Polyset Board-Max or Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CRA	FB4-HA	-290.0
C-93.	Structural concrete	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	Polyset Board-Max or Polyset CRA	Min. 7/16-inch DEXcell Cement Roof Board	Polyset Board-Max or Polyset CRA	FB4-HA	-375.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE (SPATTER) OR FTR 601-PG (SPATTER):							
C-94.	Structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	FB5-CR20	-97.5
C-95.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	FB5-CR20 or FB6-601PG	-210.0
C-96.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	hot asphalt	Min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	FB5-CR20	-375.0
C-97.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB5-CR20 or FB6-601PG	-210.0
C-98.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	FB5-CR20	-135.0
C-99.	Structural concrete	Min. 1.5-inch FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG, 6-inch o.c.	FB5-CR20	-417.5
C-100.	Structural concrete	Min. 1.5-inch FTR-VALUE A or FTR-VALUE H	FTR 601 or FTR-601 PG, 6-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG, 6-inch o.c.	FB6-601PG	-417.5



TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)

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

REFER TO [3.1.5](#) 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)		
C-101.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB5-CR20 or FB6-601PG	-417.5
C-102.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	FB5-CR20 or FB6-601PG	-417.5
C-103.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	FB5-CR20 or FB6-601PG	-210.0
C-104.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 7/16-inch DEXcell Cement Roof Board	M-PG1-EF-ECO	FB5-CR20	-135.0
C-105.	Structural concrete	Min. 1.5-inch FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO, 6-inch o.c.	(Optional) Additional layer(s) of base insulation	M-PG1-EF-ECO, 6-inch o.c.	FB5-CR20	-417.5
C-106.	Structural concrete	Min. 1.5-inch FTR-VALUE A or FTR-VALUE H	M-PG1-EF-ECO, 6-inch o.c.	(Optional) Additional layer(s) of base insulation	M-PG1-EF-ECO, 6-inch o.c.	FB6-601PG	-417.5
C-107.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO, 6-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO, 6-inch o.c.	FB5-CR20 or FB6-601PG	-417.5
C-108.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO, 6-inch o.c.	Min. 7/16-inch DEXcell Cement Roof Board	M-PG1-EF-ECO, 6-inch o.c.	FB5-CR20 or FB6-601PG	-417.5
C-109.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	FB5-CR20 or FB6-601PG	-105.0
C-110.	Structural concrete	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	Polyset Board-Max or Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CRA	FB5-CR20, FB6-601PG	-210.0
C-111.	Structural concrete	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	Polyset Board-Max or Polyset CRA	Min. 7/16-inch DEXcell Cement Roof Board	Polyset Board-Max or Polyset CRA	FB5-CR20, FB6-601PG	-375.0

TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)

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

REFER TO [3.1.5](#) 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	Ply	Cap Ply	
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-390:									
C-112.	Structural concrete primed with ASTM D41	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-232.5



**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER***

REFER TO [3.1.5](#) 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	Ply	Cap Ply	
C-113.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-232.5
C-114.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP2-FTRSBSA	None	FB2-390	-67.5
C-115.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-232.5
C-116.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	BP2-FTRSBSA	None	FB2-390	-67.5
C-117.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-232.5
C-118.	Structural concrete	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	OB500	BP2-FTRSBSA	None	FB2-390	-67.5
C-119.	Structural concrete	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	Polyset Board-Max or Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CRA	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-232.5
C-120.	Structural concrete	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	Polyset Board-Max or Polyset CRA	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CRA	BP2-FTRSBSA	None	FB2-390	-67.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN HOT ASPHALT:									
C-121.	Structural concrete primed with ASTM D41	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	hot asphalt	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-232.5



TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER*

REFER TO 3.1.5 FOR VAPOR BARRIER OPTIONS

Table with 10 columns: System No., Deck (4.1.2), Base Insulation Layer (Type, Attach (3.1.3)), Top Insulation Layer (Type, Attach (3.1.3)), Roof Cover (3.1.4) (Base Ply, Ply, Cap Ply), and MDP (psf)*. Rows C-122 through C-131 detail various construction configurations and their associated MDP values.



**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER***

REFER TO [3.1.5](#) 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	Ply	Cap Ply	
C-132.	Structural concrete	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
C-133.	Structural concrete	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500, 6-inch o.c.	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
C-134.	Structural concrete	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	Polyset Board-Max or Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CRA	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-232.5
C-135.	Structural concrete	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	Polyset Board-Max or Polyset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CRA	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE, FTR 601-PG OR COLPLY EF ADHESIVE:									
C-136.	Structural concrete	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
C-137.	Structural concrete	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-105.0
C-138.	Structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA or BP4-TA	FB5-CR20	-127.5
C-139.	Structural concrete	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
C-140.	Structural concrete	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5



**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER***

REFER TO [3.1.5](#) 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	Ply	Cap Ply	
C-141.	Structural concrete	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	M-PG1-EF-ECO	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-105.0
C-142.	Structural concrete	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	M-PG1-EF-ECO, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
C-143.	Structural concrete	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
C-144.	Structural concrete	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-105.0
C-145.	Structural concrete	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	OB500, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
C-146.	Structural concrete	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	Polysset Board-Max or Polysset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysset Board-Max or Polysset CRA	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
C-147.	Structural concrete	Min. 1.5-inch FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer over FTR SBS Poly 3.7. <i>FTR SBS Poly 3.7 adhered with FTR SBS Adhesive, 12-inch o.c.</i>	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA or BP4-TA	FB5-CR20	-225.0

**TABLE 3C: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER**

System No.	Deck (4.1.2)	Insulation Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.3)	Density		
C-148.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 8 ft ² (Four parts per 4x8 ft board) 2 x 4 ft grid	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-37.5* (NO HVHZ)



TABLE 3c: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER

Table with 7 columns: System No., Deck, Insulation Layer, Attach (Fastener, Density), Roof Cover, and MDP (psf). Rows C-149 through C-158 detail various construction configurations and their associated materials and fasteners.



TABLE 3c: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER

Table with 7 columns: System No., Deck, Insulation Layer, Attach (Fastener, Density), Roof Cover, and MDP (psf). Rows C-159 through C-167 detail various construction configurations and their mechanical properties.



**TABLE 3c: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER**

System No.	Deck (4.1.2)	Insulation Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.3)	Density		
C-168.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 3.2 ft ² (Ten parts per 4x8 ft board) Per FM Data Sheet 1-29	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-75.0
C-169.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 3.2 ft ² (Ten parts per 4x8 ft board) Per FM Data Sheet 1-29	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-75.0
C-170.	Structural concrete	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1.5 x 1.5 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
C-171.	Structural concrete	One or more layers, any combination, min. 1.5-inch thick x min. 4 x 8 ft	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1.5 x 1.5 ft grid pattern with first row of fasteners spaced 0.5 ft from the long edge and 1 ft from the short edge	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
C-172.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	1 per 3 ft ² 1.5 x 2 ft grid, staggered	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
C-173.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	1 per 3 ft ² 1.5 x 2 ft grid, staggered	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
C-174.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-90.0
C-175.	Structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> FiberTite #14, FiberTite Magnum Fastener or Trufast #14 HD (min. 1.5-inch embedment) <u>Plate Options:</u> OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	6-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-90.0
C-176.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch	<u>Fastener Options:</u> OMG #14 Heavy Duty Fastener (min. 1.5-inch embedment) <u>Plate Options:</u> FTR IW isoweld, SFS isoweld F1-P-6.8-PVC Plate, SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube, OMG RhinoBond Insulation Plate (PVC) or OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert	6-inch o.c. in rows 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool.	-90.0



**TABLE 3c: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER**

System No.	Deck (4.1.2)	Insulation Layer (3.1.2)	Attach		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.3)	Density		
C-177.	Min. 3,000 psi structural concrete	One or more layers, any combination, min. 1.5-inch	Fastener Options: OMG #14 Heavy Duty Fastener (min. 1.5-inch embedment) Plate Options: Trufast PVC IW Plate		6-inch o.c. in rows 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded plate-manufacturer's welding tool. -90.0

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

System No.	Deck (4.1.2)	Insulation (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.3)	Attachment	
OPEN STYLE:							
C-178.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	Trufast ¼" Concrete Spike with FTR Magnum-R275	Open: 18 x 95-inch	-30.0 (NO HVHZ)
C-179.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG #14 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 18 x 104.5-inch	-37.5 (NO HVHZ)
C-180.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	Trufast ¼" Concrete Spike with FTR Magnum-R275	Open: 12 x 95-inch	-45.0
C-181.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 18 x 51-inch	-45.0
C-182.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 72-inch	-45.0
C-183.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plate	Open: 6 x 95-inch	-45.0
C-184.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plate	Open: 6 x 144-inch	-45.0
C-185.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 96-inch	-52.5
C-186.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	Trufast ¼" Concrete Spike with FTR Magnum-R275	Open: 6 x 95-inch	-67.5
C-187.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 51-inch	-67.5
C-188.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plate	Open: 6 x 72-inch	-67.5
C-189.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 12 x 24-inch	-82.5
C-190.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG #14 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Open: 6 x 51-inch	-112.5
CLOSED STYLE:							
C-191.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plate	Closed: 6 x 95-inch	-45.0



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

System No.	Deck (4.1.2)	Insulation (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.3)	Attachment	
C-192.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FTR Magnum2S Plate	Closed: 6 x 144-inch	-52.5
C-193.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 94-inch	-82.5
C-194.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 104.5-inch	-90.0
C-195.	Structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FiberTite Magnum Fastener or OMG CD-10 with FiberTite Magnum Stress Plate or FiberTite Magnum-Plus Stress Plate	Closed: 6 x 47-inch	-112.5

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

System No.	Deck (4.1.2)	Roof Cover (3.1.4)			MDP (psf)*
		Base Ply	Ply	Cap Ply	
C-196.	Structural concrete	None	N/A	FB6-601PG	-112.5
C-197.	Structural concrete primed; ASTM D41	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB4-HA, FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
C-198.	Structural concrete	None	None	FB2-390	-237.5
C-199.	Structural concrete primed; ASTM D41	SOPREMA "Elastophene SP 2.2" or "Elastophene SP 3.0", torch-applied	None	FB2-390	-320.0
C-200.	Structural concrete sealed; PVA	None	N/A	FB1-290	-377.0
C-201.	Structural concrete	None	N/A	FB3-490	-442.5
C-202.	Structural concrete	None	N/A	FB3-490 (FiberTite-XT FB only)	-495.0
C-203.	Structural concrete	None	N/A	FB5-CR20	-495.0
C-204.	Structural concrete primed; ASTM D41	None	N/A	FB4-HA	-572.5



**TABLE 3F: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE G: PERIMETER ATTACHED ROOF COVER, PRESSURE EQUALIZING VENT**

System No.	Deck (4.1.2)	Air Barrier	Insulation	Underlayment	Roof Cover		MDP (psf)
					Type	Attach	
C-205.	Structural concrete	One or two plies, ASTM D4601 base sheet, applied in full mopping of hot asphalt	(Optional) Any fire classified roof insulation and/or coverboard combination, any thickness, loose-laid with staggered joints	12-inch wide strips of polypropylene, air permeable filter fabric, loose laid in a crossing pattern, connecting the V2T vents	FiberTite, XT, SM, Xtreme, FB, XT-FB, SM-FB or Xtreme FB	V2T (FBC FL27944) installed in accordance with V2T IP, LLC instructions, spaced maximum 50 ft o.c.	-97.5 (NO HVHZ)

**TABLE 4A: LIGHTWEIGHT CONCRETE DECKS - REROOF (TEAR-OFF)
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

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

System No.	Substrate (4.1.2, 4.2.3)	Base Insulation Layer		Top Insulation		Roof Cover (3.1.4)	MDP (psf)* ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLICATIONS:							
LWC-1.	Min. 240 psi, pre-existent cellular lightweight insulating concrete.	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H or Insulfoam IX	Polysat CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysat CRA	BB1-190E, BB2-190E, SB-BB3 or BB4-ATBA	-180.0
FIBERTITE-FB APPLICATIONS:							
LWC-2.	Min. 240 psi, pre-existent cellular lightweight insulating concrete.	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H or Insulfoam IX	Polysat CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysat CRA	FB1-290, FB3-490, SB-FB4, FB5-CR20 or FB6-601PG	-180.0

**TABLE 4B: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER***

System No.	Deck (4.1.2)	Vapor Barrier (3.1.4)	Lightweight Concrete (3.1.2)			Roof Cover (3.1.4)	MDP (psf)*
			Deck Treatment	LWC	Surface Treatment		
CELCORE:							
LWC-3.	Min. 22 ga., type BV, Grade 33 steel; 6 ft spans; 5/8" puddle welds, 6" o.c.	None	None	Min. 200 psi, min. 2-inch thick Celcore Cellular Concrete	Celcore PVA Curing Compound	FB1-290, FB2-390 or FB3-490	-45.0
LWC-4.	Min. 22 ga., type BV, Grade 33 steel; 5 ft spans; 5/8" puddle welds, 6" o.c.	None	None	Min. 300 psi, min. 2-inch thick Celcore Cellular Concrete	Celcore PVA Curing Compound	FB1-290, FB2-390 or FB3-490	-67.5
LWC-5.	Min. 22 ga., type B, Grade 40 steel; 6 ft spans; 5/8" puddle welds, 6" o.c.	None	Celcore S-1 Deck Preparation Slurry	Min. 390 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	FB1-290, FB2-390, FB3-490 or FB5-CR20	-127.5
LWC-6.	Structural concrete	(Optional) SBA-AA or BP4-TA	None	Min. 390 psi, Min. 2-inch thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	FB1-290, FB2-390, FB3-490 or FB5-CR20	-172.5
LWC-7.	Structural concrete	None	None	Min. 300 psi, min. 2-inch thick Celcore Cellular Concrete	Celcore PVA Curing Compound	FB2-390 or FB3-490	-272.5
LWC-8.	Structural concrete	None	None	Min. 300 psi, min. 2-inch thick Celcore Cellular Concrete	Celcore PVA Curing Compound	FB1-290	-302.5



TABLE 4B: LIGHTWEIGHT CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER*

Table with 8 columns: System No., Deck (4.1.2), Vapor Barrier (3.1.4), Deck Treatment, Lightweight Concrete (3.1.2) LWC, Surface Treatment, Roof Cover (3.1.4), and MDP (psf)*. Rows include categories like CONCRECEL, ELASTIZELL, and MEARLCRETE with various LWC types (LWC-9 to LWC-23).



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

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLICATIONS:							
CWF-1.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	Min. 1-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Polyset Board-Max or Polyset CRA, 12-inch o.c.	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CRA	BB1-190E or BB2-190E	-75.0
CWF-2.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Polyset Board-Max or Polyset CRA, 12-inch o.c.	Optional additional layer(s) of base insulation followed by min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CRA	BB1-190E or BB2-190E	-75.0
CWF-3.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-VALUE-III A, FTR-VALUE H or FTR-VALUE H Glass Facer	FTR 601, FTR-601 PG, M-PG1-EF ECO, OB500 or Polyset CRA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, M-PG1-EF ECO, Polyset CRA or OB500, 12-inch o.c.	BB1-190E or BB2-190E	-82.5
CWF-4.	Min. 2-inch Tectum I Plank	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CRA, 4-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CRA, 4-inch o.c.	BB1-190E or BB2-190E	-222.5
CWF-5.	Min. 2-inch Tectum I Plank	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CRA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CRA, 4-inch o.c.	BB1-190E or BB2-190E	-222.5
CWF-6.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CRA, 4-inch o.c.	None	N/A	BB1-190E or BB2-190E	-303.5
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE XTREME APPLIED IN ALPHA-TITE BONDING ADHESIVE:							
CWF-7.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	Min. 1-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Polyset Board-Max or Polyset CRA, 12-inch o.c.	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CRA	BB3-ATBA or BB4-ATBA	-75.0
CWF-8.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Polyset Board-Max or Polyset CRA, 12-inch o.c.	Optional additional layer(s) of base insulation followed by min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CRA	BB3-ATBA or BB4-ATBA	-75.0
CWF-9.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-VALUE-III A, FTR-VALUE H or FTR-VALUE H Glass Facer	FTR 601, FTR-601 PG, M-PG1-EF ECO, OB500 or Polyset CRA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, M-PG1-EF ECO, Polyset CRA or OB500, 12-inch o.c.	BB3-ATBA or BB4-ATBA	-82.5



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

System No.	Deck (4.1.2)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
CWF-10.	Min. 2-inch Tectum I Plank	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CRA, 4-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CRA, 4-inch o.c.	BB3-ATBA or BB4-ATBA	-222.5
CWF-11.	Min. 2-inch Tectum I Plank	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CRA, 4-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CRA, 4-inch o.c.	BB3-ATBA or BB4-ATBA	-222.5
CWF-12.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CRA, 4-inch o.c.	None	N/A	BB3-ATBA or BB4-ATBA	-303.5
FIBERTITE-FB APPLICATIONS:							
CWF-13.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	Min. 1-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Polyset Board-Max or Polyset CRA, 12-inch o.c.	(Optional) Additional layer(s) of base insulation	Polyset Board-Max or Polyset CRA	FB1-290, FB2-390, FB3-490, FB5-CR20 or FB6-601PG	-75.0
CWF-14.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Polyset Board-Max or Polyset CRA, 12-inch o.c.	Optional additional layer(s) of base insulation followed by min. 0.25-inch DensDeck Prime	Polyset Board-Max or Polyset CRA	FB1-290, FB2-390, FB3-490, FB5-CR20 or FB6-601PG	-75.0
CWF-15.	Min. 2-inch Tectum I Plank; 4 ft span; FTR PurlinT Fastener with Trufast 2" Metal Seam Plate, 12" o.c.	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-VALUE-III A, FTR-VALUE H or FTR-VALUE H Glass Facer	FTR 601, FTR-601 PG, M-PG1-EF ECO, OB500 or Polyset CRA, 12-inch o.c.	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601, FTR-601 PG, M-PG1-EF ECO, Polyset CRA or OB500, 12-inch o.c.	FB1-290, FB2-390, FB3-490, FB5-CR20 or FB6-601PG	-82.5
CWF-16.	Min. 2-inch Tectum I Plank	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CRA, 4-inch o.c.	(Optional) Additional layer(s) of base insulation	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CRA, 4-inch o.c.	FB1-290, FB2-390, FB3-490, FB5-CR20 or FB6-601PG	-222.5
CWF-17.	Min. 2-inch Tectum I Plank	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CRA, 4-inch o.c.	Min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CRA, 4-inch o.c.	FB1-290, FB2-390, FB3-490, FB5-CR20 or FB6-601PG	-222.5
CWF-18.	Min. 2-inch Tectum I Plank	Min. 0.25-inch DensDeck, DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601, FTR-601 PG, Polyset Board-Max or Polyset CRA, 4-inch o.c.	None	N/A	FB1-290, FB2-390, FB3-490, FB5-CR20 or FB6-601PG	-303.5



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

Table with 10 columns: System No., Deck (4.1.2), Base Insulation Layer (Type, Attach (3.1.3)), Top Insulation Layer (Type, Attach (3.1.3)), Roof Cover (3.1.4) (Base Ply, Ply, Cap Ply), and MDP (psf). Rows include CWF-19, CWF-20, and CWF-21.

TABLE 5c: CEMENTITIOUS WOOD FIBER DECKS - REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER

Table with 7 columns: System No., Deck (4.1.2), Insulation (3.1.2) (Type, Attach), Membrane, Roof Cover (3.1.4) (Fastener (3.1.1, 4.2.3), Attachment), and MDP (psf). Row includes CWF-22.

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

Table with 8 columns: System No., Substrate (4.1.2, 4.2.3), Base Insulation Layer (Type, Attach (3.1.3)), Top Insulation Layer (Type, Attach (3.1.3)), Roof Cover (3.1.4), and MDP (psf)*. Rows include G-1, G-2, and G-3.



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

Table with 8 columns: System No., Substrate, Base Insulation Layer (Type, Attach), Top Insulation Layer (Type, Attach), Roof Cover, and MDP (psf). Rows G-4 through G-15 detail various gypsum deck configurations and their associated materials and costs.



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

Table with 8 columns: System No., Substrate, Base Insulation Layer (Type, Attach), Top Insulation Layer (Type, Attach), Roof Cover, and MDP (psf). Rows include various gypsum deck configurations (G-16 to G-28) with their respective materials and values.



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

Table with 10 columns: System No., Substrate, Base Insulation Layer (Type, Attach), Top Insulation Layer (Type, Attach), Roof Cover (Base Ply, Ply, Cap Ply), and MDP (psf)*. Rows include G-29 through G-38 with various material specifications and values.



TABLE 6B: GYPSUM DECK - REROOF (TEAR-OFF)									
SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE PLY(S), BONDED ROOF COVER*									
System No.	Substrate (4.1.2, 4.2.3)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)			MDP (psf)*
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE, FTR 601-PG OR COLPLY EF ADHESIVE:									
G-39.	Existing poured gypsum or gypsum plank	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
G-40.	Existing poured gypsum or gypsum plank	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
G-41.	Existing poured gypsum or gypsum plank	(Optional) Min. 1-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Polysset Board-Max or Polysset CRA	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Polysset Board-Max or Polysset CRA	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5

TABLE 6C: GYPSUM DECK - REROOF (TEAR-OFF)							
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER							
System No.	Deck (4.1.2)	Insulation (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.3)	Attachment	
G-42.	Existing gypsum deck	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength	Top layer prelim. attached	FiberTite, XT, SM or Xtreme	SFS Dekfast DL-SQ1/4 with Dekfast PTL-DL-R-2-4B plate, OMG Polymer GypTec with 2 in. Polymer GypTec Metal Barbed Plate or Trufast TL Fastener with Trufast 2" TL Seam Plate (Field withdrawal ≥ 113 lbf)	Open or Closed: 6 x 45	-30.0 (NO HVHZ)

TABLE 7A: RECOVER APPLICATIONS							
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*							
^A The reported MDP documents the allowable maximum design pressure of the new insulation and roof cover when installed atop the substrate, irrespective of the deck type (See Section 4.1.2) or performance of the substrate (See Section 4.2.3). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.							
System No.	Substrate (4.1.2, 4.2.3)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)* ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
FIBERTITE, FIBERTITE-XT, FIBERTITE-SM OR FIBERTITE-XTREME APPLIED IN FTR-190E:							
R-1.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A or FTR-VALUE H	hot asphalt	None	N/A	BB1-190E or BB2-190E	-45.0
R-2.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	hot asphalt	BB1-190E or BB2-190E	-240.0



TABLE 7A: RECOVER APPLICATIONS

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

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

System No.	Substrate (4.1.2, 4.2.3)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)* ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-3.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	BB1-190E or BB2-190E	-247.5
R-4.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	BB1-190E or BB2-190E	-375.0
R-5.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-210.0
R-6.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	N/A	BB1-190E or BB2-190E	-210.0
R-7.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-232.5
R-8.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-247.5
R-9.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	BB1-190E or BB2-190E	-135.0
R-10.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	M-PG1-EF-ECO	(Optional) Additional layer(s) of base insulation	M-PG1-EF-ECO	BB1-190E or BB2-190E	-210.0
R-11.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	None	N/A	BB1-190E or BB2-190E	-210.0
R-12.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime	M-PG1-EF-ECO	BB1-190E or BB2-190E	-232.5
R-13.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	BB1-190E or BB2-190E	-247.5



TABLE 7A: RECOVER APPLICATIONS

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

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

Table with 8 columns: System No., Substrate, Base Insulation Layer (Type, Attach), Top Insulation Layer (Type, Attach), Roof Cover, and MDP (psf). Rows include R-14 through R-26, detailing various substrate and insulation combinations and their corresponding design pressures.



TABLE 7A: RECOVER APPLICATIONS

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

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

System No.	Substrate (4.1.2, 4.2.3)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)* ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-27.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	BB3-ATBA or BB4-ATBA	-135.0
R-28.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	M-PG1-EF-ECO	(Optional) Additional layer(s) of base insulation	M-PG1-EF-ECO	BB3-ATBA or BB4-ATBA	-210.0
R-29.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	None	N/A	BB3-ATBA or BB4-ATBA	-210.0
R-30.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime	M-PG1-EF-ECO	BB3-ATBA or BB4-ATBA	-232.5
R-31.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	BB3-ATBA or BB4-ATBA	-247.5
R-32.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	M-PG1-EF-ECO	BB3-ATBA or BB4-ATBA	-135.0
R-33.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	OB500	None	N/A	BB3-ATBA or BB4-ATBA	-120.0
R-34.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	OB500	(Optional) Additional layer(s) of base insulation	OB500	BB3-ATBA or BB4-ATBA	-120.0
R-35.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	BB3-ATBA or BB4-ATBA	-120.0
R-36.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Polyset Board-Max or Polyset CRA	(Optional) Additional layer(s) of base insulation or min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CRA	BB3-ATBA or BB4-ATBA	-195.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-290:							
R-37.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A or FTR-VALUE H	hot asphalt	None	N/A	FB1-290	-45.0
R-38.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	hot asphalt	FB1-290	-240.0
R-39.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	FB1-290	-247.5



TABLE 7A: RECOVER APPLICATIONS

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

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

System No.	Substrate (4.1.2, 4.2.3)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)* ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-40.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	FB1-290	-375.0
R-41.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	FB1-290	-210.0
R-42.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	N/A	BB3-ATBA or BB4-ATBA	-210.0
R-43.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	FB1-290	-232.5
R-44.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB1-290	-247.5
R-45.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	FB1-290	-135.0
R-46.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	M-PG1-EF-ECO	(Optional) Additional layer(s) of base insulation	M-PG1-EF-ECO	FB1-290	-210.0
R-47.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	None	N/A	BB3-ATBA or BB4-ATBA	-210.0
R-48.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime	M-PG1-EF-ECO	FB1-290	-232.5
R-49.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	FB1-290	-247.5



TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*

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

System No.	Substrate (4.1.2, 4.2.3)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)* ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-50.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	M-PG1-EF-ECO	FB1-290	-135.0
R-51.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A or FTR-VALUE H	OB500	None	N/A	FB1-290	-82.5
R-52.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	OB500	None	N/A	FB1-290	-120.0
R-53.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	OB500	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	OB500	FB1-290	-120.0
R-54.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	FB1-290	-120.0
R-55.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Polysset Board-Max or Polysset CRA	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	Polysset Board-Max or Polysset CRA	FB1-290	-195.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-390 OR FTR-490:							
R-56.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE A or FTR-VALUE H	hot asphalt	None	N/A	FB2-390 or FB3-490	-45.0
R-57.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	hot asphalt	(Optional) Additional layer(s) of base insulation or min. 0.25-inch DensDeck	hot asphalt	FB2-390 or FB3-490	-240.0
R-58.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	FB2-390 or FB3-490	-375.0
R-59.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	FTR 601 or FTR-601 PG	(Optional) Additional layer(s) of base insulation	FTR 601 or FTR-601 PG	FB2-390 or FB3-490	-210.0
R-60.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	N/A	FB2-390 or FB3-490	-210.0
R-61.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB2-390 or FB3-490	-232.5
R-62.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	FB2-390 or FB3-490	-135.0



TABLE 7A: RECOVER APPLICATIONS

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

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

Table with 8 columns: System No., Substrate (4.1.2, 4.2.3), Base Insulation Layer (Type, Attach 3.1.3), Top Insulation Layer (Type, Attach 3.1.3), Roof Cover (3.1.4), and MDP (psf)*A. Rows include systems R-63 through R-76, detailing various substrate and insulation combinations and their corresponding design pressures.



TABLE 7A: RECOVER APPLICATIONS
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER*

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

System No.	Substrate (4.1.2, 4.2.3)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)* ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
R-77.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck or DensDeck Prime	FTR 601 or FTR-601 PG	FB4-HA	-232.5
R-78.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB4-HA	-247.5
R-79.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	FB4-HA	-135.0
R-80.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	None	N/A	FB4-HA	-210.0
R-81.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime	M-PG1-EF-ECO	FB4-HA	-232.5
R-82.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	FB4-HA	-247.5
R-83.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	M-PG1-EF-ECO	FB4-HA	-135.0
R-84.	Existing asphaltic BUR	Min. 0.25-inch DensDeck or DensDeck Prime	OB500	None	N/A	FB4-HA	-120.0
R-85.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	OB500	Min. 0.25-inch DensDeck	OB500	FB4-HA	-120.0
R-86.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	FB4-HA	-120.0
R-87.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Polyset Board-Max or Polyset CRA	Min. 0.25-inch DensDeck or SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CRA	FB4-HA	-195.0



TABLE 7A: RECOVER APPLICATIONS

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

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

System No.	Substrate (4.1.2, 4.2.3)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)	MDP (psf)* ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)		
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE (SPATTER) OR FTR 601-PG (SPATTER):							
R-88.	Existing asphaltic BUR or modified bitumen	Min. 0.5-inch FTR-VALUE A, FTR-VALUE H or FTR-Value H Glass Facer or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	hot asphalt	None	N/A	FB5-CR20 or FB6-601PG	-45.0
R-89.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	hot asphalt	FB5-CR20 or FB6-601PG	-105.0
R-90.	Existing asphaltic BUR	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	hot asphalt	Min. 0.25-inch DEXcell FA Glass Mat Roof Board or min. 7/16-inch DEXcell Cement Roof Board	hot asphalt	FB5-CR20	-375.0
R-91.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	FB5-CR20 or FB6-601PG	-210.0
R-92.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 7/16-inch DEXcell Cement Roof Board	FTR 601 or FTR-601 PG	FB5-CR20	-135.0
R-93.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	FB5-CR20 or FB6-601PG	-210.0
R-94.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III-A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 7/16-inch DEXcell Cement Roof Board	M-PG1-EF-ECO	FB5-CR20	-135.0
R-95.	Existing asphaltic BUR or modified bitumen	Min. 0.5-inch FTR-VALUE A, FTR-VALUE H or FTR-Value H Glass Facer	OB500	None	N/A	FB5-CR20 or FB6-601PG	-45.0
R-96.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	FB5-CR20 or FB6-601PG	-105.0
R-97.	Existing asphaltic BUR	Min. 1.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	Polyset Board-Max or Polyset CRA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Polyset Board-Max or Polyset CRA	FB5-CR20 or FB6-601PG	-105.0



TABLE 7B: RECOVER APPLICATIONS

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

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

System No.	Substrate (4.1.2, 4.2.3)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)			MDP (psf)* ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN FTR-390:									
R-98.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	N/A	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-210.0
R-99.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-232.5
R-100.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP2-FTRSBSA	None	FB2-390	-67.5
R-101.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	None	N/A	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-210.0
R-102.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-232.5
R-103.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	BP2-FTRSBSA	None	FB2-390	-67.5
R-104.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	OB500	None	N/A	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-120.0
R-105.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB2-390	-120.0
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN HOT ASPHALT:									
R-106.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	None	N/A	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-210.0
R-107.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-232.5



TABLE 7B: RECOVER APPLICATIONS

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

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

System No.	Substrate (4.1.2, 4.2.3)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)			MDP (psf)* ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
R-108.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-105.0
R-109.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
R-110.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
R-111.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	None	N/A	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-210.0
R-112.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-232.5
R-113.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	M-PG1-EF-ECO	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-105.0
R-114.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
R-115.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	M-PG1-EF-ECO, 6-inch o.c.	BP2-FTRSBSA or BP3-CEFA	(Optional) BP2-FTRSBSA or BP3-CEFA	FB4-HA	-167.5
R-116.	Existing asphaltic BUR	Min. 0.25-inch DensDeck Prime	OB500	None	N/A	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-82.5
R-117.	Existing asphaltic BUR	Min. 0.5-inch FTR-VALUE, FTR-VALUE A or FTR-VALUE H	OB500	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	BP1-HA or BP4-TA	(Optional) BP1-HA or BP4-TA	FB4-HA	-120.0



TABLE 7B: RECOVER APPLICATIONS

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

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

System No.	Substrate (4.1.2, 4.2.3)	Base Insulation Layer		Top Insulation Layer		Roof Cover (3.1.4)			MDP (psf)* ^A
		Type	Attach (3.1.3)	Type	Attach (3.1.3)	Base Ply	Ply	Cap Ply	
FIBERTITE-FB, FIBERTITE-SM FB, FIBERTITE-XT FB OR FIBERTITE-XTREME FB APPLIED IN POLYSET COMMERCIAL ROOF ADHESIVE, FTR 601-PG OR COLPLY EF ADHESIVE:									
R-118.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
R-119.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-105.0
R-120.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	FTR 601 or FTR-601 PG	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	FTR 601 or FTR-601 PG, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
R-121.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	M-PG1-EF-ECO	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5
R-122.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	M-PG1-EF-ECO	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-105.0
R-123.	Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen	(Optional) Min. 1.5-inch FTR-VALUE, FTR-VALUE A, FTR-Value-III A, FTR-VALUE H or FTR-Value H Glass Facer	M-PG1-EF-ECO	Min. 0.25-inch DEXcell FA Glass Mat Roof Board	M-PG1-EF-ECO, 6-inch o.c.	BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	(Optional) BP1-HA, BP2-FTRSBSA, BP3-CEFA or BP4-TA	FB5-CR20, FB6-601PG or FB7-CEFA	-167.5

TABLE 7C: STEEL - RECOVER

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

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

System No.	Substrate (4.1.2)	Insulation Layer	Attachment		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.3)	Spacing		
R-124.	Existing standing seam or lap seam metal roof covers having min. 16 ga. , min. 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	Fastener Options: FTR Retro-Driller Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	12-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-52.5



TABLE 7c: STEEL - RECOVER

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

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

System No.	Substrate (4.1.2)	Insulation Layer	Attachment		Roof Cover (3.1.4)	MDP (psf)
			Fastener (3.1.1, 4.2.3)	Spacing		
R-125.	Existing standing seam or lap seam metal roof covers having min. 16 ga. , min. 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	Fastener Options: FTR Retro-Driller Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	12-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-52.5
R-126.	Existing standing seam or lap seam metal roof covers having min. 12 ga. , min. 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	Fastener Options: SFS Dekfast DF-#12-PC-SQ3 or Trufast #12 Purlin Fastener Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	12-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-52.5
R-127.	Existing standing seam or lap seam metal roof covers having min. 12 ga. , min. 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	Fastener Options: SFS Dekfast DF-#12-PC-SQ3 or Trufast #12 Purlin Fastener Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	12-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-52.5
R-128.	Existing standing seam or lap seam metal roof covers having min. 16 ga. , min. 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	Fastener Options: FTR Retro-Driller Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	6-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
R-129.	Existing standing seam or lap seam metal roof covers having min. 16 ga. , min. 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	Fastener Options: FTR Retro-Driller Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	6-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
R-130.	Existing standing seam or lap seam metal roof covers having min. 12 ga. , min. 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	Fastener Options: SFS Dekfast DF-#12-PC-SQ3 or Trufast #12 Purlin Fastener Plate Options: FTR-IW isoweld, SFS isoweld F1-P-6.8 PVC Plate or SFS FI-P-16.0-PVC Plate with FI-R-20 insert tube	6-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite, FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5
R-131.	Existing standing seam or lap seam metal roof covers having min. 12 ga. , min. 50 ksi steel purlins spaced max. 60-inch o.c.	One or more layers, any combination, min. 1.5-inch thick, min. 16-psi compressive strength, loose laid or preliminarily attached	Fastener Options: SFS Dekfast DF-#12-PC-SQ3 or Trufast #12 Purlin Fastener Plate Options: OMG RhinoBond Insulation Plate (PVC), OMG RhinoBond TreadSafe Plate (PVC) with TreadSafe insert or Trufast PVC IW Plate	6-inch o.c. along purlins spaced max. 60-inch o.c.	FiberTite-XT, FiberTite-SM or FiberTite-XTreme induction welded with plate-manufacturer's welding tool.	-82.5



TABLE 7D: STEEL - RECOVER

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

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

System No.	Deck (4.1.2)	Insulation (3.1.2)		Roof Cover (3.1.4)			MDP (psf)
		Type	Attach	Membrane	Fastener (3.1.1, 4.2.3)	Attachment	
OPEN STYLE:							
R-132.	Existing standing seam or lap seam metal roof covers having min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced max. 95-inch o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-PurlinT Fastener with FTR Magnum-R275	18-inch o.c. within min. 5-inch wide laps spaced max. 95-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-30.0 (NO HVHZ)
R-133.	Existing standing seam or lap seam metal roof covers having min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced max. 95-inch o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-PurlinT Fastener with FTR Magnum-R275	12-inch o.c. within min. 5-inch wide laps spaced max. 95-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-45.0
R-134.	Existing standing seam or lap seam metal roof covers having min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced max. 95-inch o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-PurlinT Fastener with FTR Magnum-R275	6-inch o.c. within min. 5-inch wide laps spaced max. 95-inch o.c. to engage steel purlin. Laps sealed with 1.5-inch heat weld.	-67.5
CLOSED STYLE:							
R-135.	Existing standing seam or lap seam metal roof covers having min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced max. 120-inch o.c.	One or more layers, any combination	Prelim. attached	FiberTite, XT, SM or Xtreme	FTR-PurlinT Fastener with FTR Magnum-R275	12-inch o.c. through the field of the membrane in rows spaced max. 120-inch o.c. to engage steel purlin. Fastener rows covered with a 6-inch wide strip of FiberTite membrane with 1½-inch field welds on all sides.	-45.0

TABLE 7E: RECOVER APPLICATIONS

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

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

System No.	Substrate (4.1.2, 4.2.3)	Roof Cover (3.1.4)	MDP (psf) * ^A
R-136.	Existing fully adhered granule-surface built-up roof (BUR), or existing fully adhered granule-surface APP or SBS modified bitumen	FB2-390 (2 gal./square)	-85.0
R-137.	Existing fully adhered smooth-surface built-up roof (BUR) or existing fully adhered smooth-surface SBS modified bitumen	FB2-390 (2 gal./square)	-410.0
R-138.	Existing fully adhered smooth-surface or granule-surface built-up roof (BUR), existing fully adhered smooth-surface or granule-surface SBS modified bitumen or existing fully adhered granule-surface APP modified bitumen	FB4-HA or FB5-CR20	-410.0
R-139.	Existing fully adhered smooth-surface SBS modified bitumen	FB6-601PG	-410.0