



ENGINEER

TEST

CONSULT

**P.E. EVALUATION REPORT (PEER)**

**Amrize Building Envelope LLC (GenFlex)**

26 Century Blvd  
Nashville, TN 37214  
**(317) 572-4100**

**PEER-HSP-004.B.R4  
FL47661-RO (HVHZ)**

Date of Issuance: 07/01/2015  
**Revision 4: 08/17/2025**

**SCOPE:**

This P.E. Evaluation Report (henceforth 'PEER') is issued under [Rule 61G20-3](#) and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for compliance with the **8<sup>th</sup> Edition (2023) Florida Building Code, High Velocity Hurricane Zone** [sections noted herein](#).

**DESCRIPTION: GenFlex EPDM Roof Systems (HVHZ)**

**LABELING:** Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein.

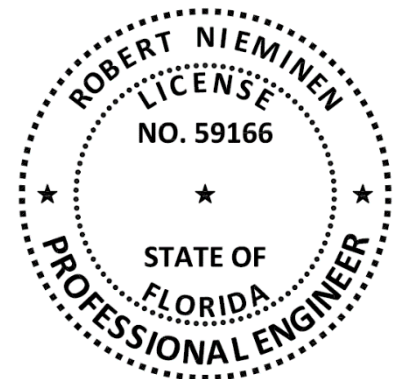
**CONTINUED COMPLIANCE:** This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance, or the production facility location(s). NEMO ETC, LLC requires a complete review of its PEER relative to updated Code requirements with each Code Cycle.

**ADVERTISEMENT:** "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be in its entirety.

**INSPECTION:** Upon request, a copy of this entire PEER shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This PEER consists of pages 1 through 5, plus a 43-page Appendix.

**Prepared by:**



**CERTIFICATION OF INDEPENDENCE:**

1. 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.
2. NEMO ETC, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the PEERs are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

**ROOFING SYSTEMS EVALUATION:**

**1. SCOPE:**

**Product Category:** Roofing  
**Sub-Category:** Single Ply Roof Systems  
**Product Approval Method:** Method 1, Option D: Codified Material, Evaluation by Engineer  
**Compliance Statement:** GenFlex EPDM Roof Systems, as produced by Amrize Building Envelope LLC (GenFlex), have demonstrated compliance with the following sections of the **8<sup>th</sup> Edition (2023) Florida Building Code, High Velocity Hurricane Zone (HVHZ)** through testing in accordance with the following Standards. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

**2. STANDARDS:**

SECTION	PROPERTY	STANDARD
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
TAS 110	Material Standard	ASTM C1289
TAS 110	Material Standard	ASTM D4637

**3. REFERENCES:**

ENTITY	EXAMINATION	REFERENCE	DATE
ERD (TST1867)	ASTM D4637, Type II	F45950.03.15-4	04/08/2015
PRI (TST5878)	ASTM D4637, Type I	FBP-384-02-01	06/26/2016
PRI (TST5878)	ASTM D4637, Type II	FBP-387-02-01	08/02/2018
NEMO (TST6049)	ASTM C1289	4n-FBP-20-SSINCB-01.A.R1	02/08/2021
NEMO (TST6049)	ASTM C1289	4n-FBP-20-SSINCB-01.B	02/08/2021
NEMO (TST6049)	ASTM C1289	4n-FBP-20-SSINCB-01.C	02/08/2021
NEMO (TST6049)	ASTM D4637, Type I	4s-HSP-22-SSTHP--01.A	10/09/2023
NEMO (TST6049)	ASTM D4637 (partial)	4s-HSP-22-SSTHP-01.B.R1	06/24/2025
ERD (TST 1867)	TAS 114	F12260.02.09-2	02/04/2009
ERD (TST 1867)	TAS 114	F13950.05.10	05/05/2010
FM Approvals (TST1867)	FM 4470	1V1A7.AM	06/25/1992
FM Approvals (TST1867)	FM 4470	1W3A4.AM	12/01/1992
FM Approvals (TST1867)	FM 4470	1T7A3.AM	01/18/1992
FM Approvals (TST1867)	FM 4470	1V6A9.AM	02/27/1992
FM Approvals (TST1867)	FM 4470	2W6A2.AM	06/25/1993
FM Approvals (TST1867)	FM 4470	2X9A8.AM	06/14/1994
FM Approvals (TST1867)	FM 4470	3010822	07/31/2002
FM Approvals (TST1867)	FM 4470	3011282	08/08/2002
FM Approvals (TST1867)	FM 4470	3014031	07/22/2002
FM Approvals (TST1867)	FM 4470/4474	3014538	05/27/2004
FM Approvals (TST1867)	FM 4470/4474	3014826	10/07/2002
FM Approvals (TST1867)	FM 4470/4474	3014874	08/16/2004
FM Approvals (TST1867)	FM 4470/4474	3015479	06/04/2004
FM Approvals (TST1867)	FM 4470/4474	3031944	08/12/2008
FM Approvals (TST1867)	FM 4470/4474	3033218	08/12/2008
FM Approvals (TST1867)	FM 4470/4474	3034561	12/08/2008
FM Approvals (TST1867)	FM 4470/4474	3033921	01/12/2009
FM Approvals (TST1867)	FM 4470/4474	3035774	03/05/2009
FM Approvals (TST1867)	FM 4470/4474	3035017	04/15/2009
FM Approvals (TST1867)	FM 4470/4474	3036256	04/27/2009
FM Approvals (TST1867)	FM 4470/4474	797-04929-267	09/25/2009
FM Approvals (TST1867)	FM 4470/4474	797-05257-267	02/16/2010
FM Approvals (TST1867)	FM 4470/4474	3036586	02/22/2010
FM Approvals (TST1867)	FM 4470/4474	797-05416-267	04/05/2010
FM Approvals (TST1867)	PLA	3038865	05/24/2010

FM Approvals (TST1867)	FM 4470/4474	797-05839-267	09/08/2010
FM Approvals (TST1867)	FM 4470/4474	797-05838-267	09/24/2010
FM Approvals (TST1867)	FM 4470/4474	3038442	11/18/2010
FM Approvals (TST1867)	FM 4470/4474	3038546	12/17/2010
FM Approvals (TST1867)	FM 4470/4474	3036183	12/23/2010
FM Approvals (TST1867)	FM 4470/4474	3041535	06/08/2011
FM Approvals (TST1867)	FM 4470/4474	3041949	06/10/2011
FM Approvals (TST1867)	FM 4470/4474	3042909	08/03/2011
FM Approvals (TST1867)	FM 4470/4474	3038191	08/04/2011
FM Approvals (TST1867)	FM 4470/4474	3038770	08/04/2011
FM Approvals (TST1867)	FM 4470/4474	797-06739-267	09/13/2011
FM Approvals (TST1867)	FM 4470/4474	797-06758-267	09/21/2011
FM Approvals (TST1867)	FM 4470/4474	3036639	11/22/2011
FM Approvals (TST1867)	FM 4470/4474	3043994	02/15/2012
FM Approvals (TST1867)	FM 4470/4474	797-07104-267	03/19/2012
FM Approvals (TST1867)	FM 4470/4474	3044429	04/12/2012
FM Approvals (TST1867)	FM 4470/4474	3044047	05/17/2012
FM Approvals (TST1867)	FM 4470/4474	3045334	06/11/2012
FM Approvals (TST1867)	FM 4470/4474	3041939	08/14/2012
FM Approvals (TST1867)	FM 4470/4474	797-07749-267	10/04/2012
FM Approvals (TST1867)	FM 4470/4474	3044008	12/19/2012
FM Approvals (TST1867)	FM 4470/4474	3046870	03/22/2013
FM Approvals (TST1867)	FM 4470/4474	797-08294-267	04/26/2013
FM Approvals (TST1867)	FM 4470/4474	797-08339-267	05/10/2013
FM Approvals (TST1867)	FM 4470/4474	3049316	05/30/2013
FM Approvals (TST1867)	FM 4470/4474	3047398	08/15/2013
FM Approvals (TST1867)	FM 4470/4474	797-09105-267	01/22/2014
UL LLC (QUA9625)	Quality Control	Service Confirmation	10/21/2022
UL LLC (QUA9625)	Quality Control	Florida BCIS	Current

#### 4. PRODUCT DESCRIPTION:

This PEER covers **GenFlex EPDM Roof Systems** installed in accordance with **Amrize Building Envelope LLC (GenFlex)** published installation instructions and the [Limitations of Use](#) herein.

**TABLE 1: EVALUATED MEMBRANES**

PRODUCT	NOMINAL THICKNESS (MIL)	MATERIAL STANDARD		PLANT(S)
		REFERENCE	TYPE	
GenFlex AFR	45, 60	ASTM D4637	I	Prescott, AR
GenFlex AFR PT	60	ASTM D4637	I	
GenFlex AFR EPDM 90 mil	90	ASTM D4637	I	
GenFlex FlexWhite EPDM	60	ASTM D4637	I	
GenFlex II FRM	45, 60, 75	ASTM D4637	II	
GenFlex II FRM-FR	45, 60	ASTM D4637	II	
GenFlex II FRM PT	45, 60	ASTM D4637	II	

**TABLE 2: EVALUATED INSULATION BOARDS**

PRODUCT	MATERIAL STANDARD, ASTM C1289			DIMENSIONAL OFFERING		PLANT(S)
	TYPE	CLASS	GRADE	THICK (IN)	DIMENSIONS (FT)	
GenFlex GL ISO	II	1	2	0.5 to 4.5	4x4 or 4x8	Jacksonville, FL
GenFlex CG ISO	II	2	2	1 to 4	4x4 or 4x8	
GenFlex HD ISO	II	4	1	0.5	4x4 or 4x8	

## 5. LIMITATIONS:

- 5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.
- 5.2 This PEER is exclusively for use in FBC High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (Broward and Miami-Dade Counties).
- 5.3 The evaluation herein pertains to above-deck roof components; deck-attachment details pertain to 'as-tested' conditions under [Testing Application Standard TAS 114, Appendix J](#). Roof decks shall be in accordance with **FBC HVHZ** requirements to the satisfaction of the Authority Having Jurisdiction.
- 5.4 This PEER does not include evaluation of fire classification. Refer to **FBC HVHZ 1516** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.
- 5.5 This PEER does not include evaluation of roof edge termination. Refer to [Roofing Application Standard RAS 111](#) for requirements and limitations regarding edge securement for low-slope roofs.
- 5.6 Refer to **FBC HVHZ 1521** for requirements and limitations regarding recover installations.
- 5.6.1 For mechanically attached components over existing roof decks, fasteners shall be tested in the existing deck 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 [Testing Application Standard TAS 105](#).
- 5.6.2 For bonded insulation or membrane over existing substrates in a re-roof (tear off) or recover installation, the existing deck or existing roof surface 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 [Testing Application Standard TAS 124](#) shall be conducted on mock-ups of the proposed new roof assembly.
- 5.6.3 For bonded insulation or membrane over existing substrates in a recover installation, the existing roof system shall be capable of resisting project design pressures on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing in accordance with [Testing Application Standard TAS 124](#).
- 5.7 Refer to Appendix 1 for system attachment requirements for wind load resistance.
- 5.7.1 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety per [Testing Application Standard TAS 114](#) has already been applied). Refer to **FBC HVHZ 1620** and [Roofing Application Standard RAS 128](#) for determination of design wind loads.
- 5.7.2 For mechanically attached components, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with **FBC HVHZ 1620** or [Roofing Application Standard 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 [Roofing Application Standard RAS 117](#) or **RAS 137**. *\*This extrapolation is not permitted for systems marked with an asterisk\*.*
- 5.7.3 For tables and/or assemblies marked with an asterisk\*, the maximum design pressure (MDP) limitation shall be applicable to all roof pressure zones. Rational analysis is not permitted.
- 5.8 All components in the roof assembly shall have quality assurance audit in accordance with **F.A.C. Rule 61G20-3**. Refer to the Product Approval of the component manufacturer for components listed in Appendix 1 that are produced by a Product Manufacturer other than the report holder on [Page 1](#) of this PEER.

**6. INSTALLATION:**

GenFlex EPDM Roof Systems shall be installed in accordance with Amrize Building Envelope LLC (GenFlex) published installation instructions, subject to the [Limitations of Use](#) noted herein.

**7. BUILDING PERMIT REQUIREMENTS:**

As required by the Building Official or Authority Having Jurisdiction to properly evaluate the installation of this product.

**8. MANUFACTURING PLANTS:**

Contact the named QA entity for manufacturing facilities covered by F.A.C. [Rule 61G20-3](#) QA requirements. Refer to [Section 4](#) herein for products and production locations having met codified material standards.

**9. QUALITY ASSURANCE ENTITY:**

[UL, LLC – QUA9625](#): (360) 817-5512; [bsai.inspections@ul.com](mailto:bsai.inspections@ul.com)

**- THE 43-PAGES THAT FOLLOW FORM PART OF THIS PEER -**

2023 FBC HVHZ

**APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE**

TABLE	DECK	APPLICATION	TYPE	DESCRIPTION	PAGE
<a href="#">1A</a>	Wood	New, Reroof (Tear-Off), Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	6
<a href="#">1B</a>	Wood	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover (Stress Plates)	8
<a href="#">1C</a>	Wood	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover (Battens)	8
<a href="#">2A</a>	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	B-1	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	9
<a href="#">2B</a>	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	B-2	Mechanically Attached Base Insulation, Bonded Vapor Barrier, Bonded Top Insulation, Bonded Roof Cover	15
<a href="#">2C</a>	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	16
<a href="#">2D</a>	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover (Stress Plates)	25
<a href="#">2E</a>	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover (Battens)	25
<a href="#">2F</a>	Steel or Structural concrete	New, Reroof (Tear-Off), Recover	D-1	Insulated, Mechanically Attached Roof Cover (RMA Strips)	26
<a href="#">3A</a>	Structural concrete	New, Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	27
<a href="#">4A</a>	Deck with Lightweight Concrete	New, Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	33
<a href="#">4B</a>	Deck with Lightweight Concrete	New, Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	35
<a href="#">5A</a>	Cementitious Wood Fiber	New, Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	36
<a href="#">5B</a>	Cementitious Wood Fiber	New, Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	36
<a href="#">6A</a>	Gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	37
<a href="#">6B</a>	Gypsum	Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	38
<a href="#">7A</a>	Various	Recover	A-1	Bonded Insulation, Bonded Roof Cover	39
<a href="#">7B</a>	Steel	Recover	D-1	Insulated, Mechanically Attached Roof Cover (Battens)	43
<a href="#">7C</a>	Steel	Recover	D-1	Insulated, Mechanically Attached Roof Cover (RMA Strips)	43

**The following notes apply to the systems outlined herein:**

- The roof system evaluation herein pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC HVHZ requirements to the satisfaction of the Authority Having Jurisdiction. Deck-attachment details pertain to 'as-tested' conditions under [Testing Application Standard](#) TAS 114, Appendix J.
- Unless otherwise noted, fasteners and stress plates shall be as follows. Fastener shall be of sufficient length for the following engagements:

FASTENER/PLATE OPTIONS			
DECK TYPE	BY	PARTS	MINIMUM ENGAGEMENT
Wood	GenFlex	GenFast AP Fastener or GenFlex Heavy Duty Fastener with GenFast 3" Round Insulation Plate	Minimum ¾-inch plywood penetration or minimum 1-inch wood plank embedment
Steel	GenFlex	GenFast AP Fastener or GenFlex Heavy Duty Fastener with GenFast 3" Round Insulation Plate	Minimum ¾-inch steel penetration and engage the top flute of the steel deck
Structural Concrete	GenFlex	GenFlex Heavy Duty Fastener or GenFast Concrete Drive Fastener with GenFast 3" Round Insulation Plate	Minimum 1.25-inch embedment. Fastener installed with a pilot hole in accordance with the fastener manufacturer's published installation instructions

- Unless otherwise noted, insulation may be any one layer or combination of FBC Approved (Local or Statewide) board(s) that meet FBC HVHZ 1516 and, for foam plastic, FBC Chapter 26, when installed with the roof cover.
- Minimum 200 psi, minimum 2-inch thick FBC HVHZ Approved lightweight insulating concrete may be substituted for, or installed below, rigid insulation board for System Types B-1, C-1, C-2, D-1 or D-2, whereby fasteners are installed through the lightweight insulating concrete to engage the structural deck. The structural deck shall be of equal or greater type, thickness and strength to the steel and structural concrete deck listings. Roof decks and structural members shall be in accordance with 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. If mechanical attachment to the structural deck through lightweight insulating concrete is proposed, field withdrawal resistance testing shall be performed to confirm equivalent or determine enhanced fastening patterns and density. All testing and fastening design shall be in compliance with [Testing Application Standard](#) TAS 105 and [Roofing Application Standard](#) RAS 117 and/or RAS 137. Calculations shall be prepared, signed and sealed by a qualified design professional.

- 5 Preliminary insulation attachment: Unless otherwise noted, use FBC HVHZ Approved roofing fasteners; minimum four fasteners per 4 x 8 ft board or minimum two fasteners per 4 x 4 ft board.
- 6 Unless otherwise noted, insulation adhesive application rates are as follows.
- Ribbon or bead width is at the time of application; the ribbons/beads shall expand as noted in the manufacturer’s published instructions.
  - If applying hot asphalt to concrete deck, deck shall be primed with ASTM D41 primer.
  - When multiple layers(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, board joints shall be staggered.
  - The maximum edge distance from the adhesive ribbon to the edge of the insulation board shall be not less than one-half the specified ribbons spacing.

INSULATION ADHESIVE REFERENCES				
By	ADHESIVE	REFERENCE	FBC FILE OR NOA	MINIMUM RATE
GenFlex	GenFlex I.S.O. Bond Insulation Adhesive	GF-ISO-BOND	N/A	Continuous 0.75 to 1-inch ribbons, 12-inch o.c. (PaceCart, SpotShot or Canister)
	GenFlex One Step Insulation Adhesive	GF-OSIA	N/A	Continuous 0.5 to 0.75-inch ribbons, 12-inch o.c.
	Quick Dual	N/A	N/A	Continuous 0.75-inch ribbons, 12-inch o.c. Note: Quick Dual may be used where GF-ISO-BOND is referenced herein for insulation securement.
ICP Construction, Inc.	Polyset Commercial Roof Adhesive	Polyset CRA	FL1365 NOA 23-0718.11	Continuous 2.5-3.5-inch ribbons, 12-inch o.c.
Generic, ASTM D312, Type IV	hot asphalt	N/A	N/A	Full coverage at 25-30 lbs/square

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

MDP LIMITATIONS FOR TAPERED POLYISOCYANURATE INSULATIONS					
ADHESIVE	INSULATION		MIN. TAPERED THICKNESS (IN)	MDP (psf)	
	LISTED PRODUCT	FBC FILE OR NOA			
GF-ISO-BOND	GenFlex ISO Insulation	N/A	0.5	-187.5	
GF-OSIA			0.5	-157.5	
Polyset CRA			1.0	-117.5	
Hot asphalt			0.5	-120.0	
GF-ISO-BOND or GF-OSIA, 12-inch o.c.			GenFlex Coated Glass Facer	0.5	-165.0
GF-ISO-BOND or GF-OSIA, 6-inch o.c.				0.5	-405.0

- 8 Bonded polyisocyanurate insulation boards shall be maximum 4 x 4 ft.
- 9 For mechanically attached components, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with FBC HVHZ 1620 or [Roofing Application Standard](#) RAS 128. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria in accordance with [Roofing Application Standard](#) RAS 117 or RAS 137. \*This extrapolation is not permitted for systems marked with an asterisk\*
- 10 For assemblies marked with an asterisk\*, the maximum design pressure for the selected assembly shall meet or exceed critical design pressure determined in accordance with FBC Chapter 16. No rational analysis is permitted for these systems.
- 11 For mechanically attached components over existing decks, fasteners shall be tested in the existing deck for withdrawal resistance in accordance with [Testing Application Standard](#) TAS 105. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Should the fastener resistance be less than that required, a revised fastener spacing – prepared, signed and sealed by a qualified design professional in accordance with [Roofing Application Standard](#) RAS 117 or RAS 137 – may be submitted to the Building Official for review and acceptance.

- 12 Refer to FBC HVHZ 1521 for requirements and limitations regarding recover installations. For bonded insulation or membrane over existing substrates in a re-roof (tear off) or recover installation, the existing deck or existing roof surface 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 shall be conducted on mock-ups of the proposed new roof assembly. For bonded insulation or membrane over existing substrates in a recover installation, the existing roof system shall be capable of resisting project design pressures on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing in accordance with [Testing Application Standard](#) TAS 124.
- 13 For Structural Concrete Deck or Recover Applications using System Type C-1 the base insulation layer is optional and for System Type C-2, D-1 or D-2, the insulation is optional. Alternatively, an FBC HVHZ Approved insulation board or coverboard may be used as a separation layer. Board products shall be preliminarily attached prior to roof cover installation ([Note 5](#)). The separator component shall be documented as meeting FBC HVHZ 1516 and, for foam plastic, FBC Chapter 26, when installed with the roof cover in Recover applications.
- 14 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 FBC HVHZ Product Approval 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.
- 15 For bonded membrane applications, unless otherwise noted, refer to the following.

MEMBRANE / ADHESIVE COMBINATIONS			
MEMBRANE	ADHESIVE	METHOD	RATE
EPDM	GenFlex EPDM Bonding Adhesive (“EPDM BA”)	Contact Application	60 ft <sup>2</sup> /gal
EPDM	GenFlex EPDM Bonding Adhesive (X) [“EPDM BA(X)”]	Contact Application	60 ft <sup>2</sup> /gal
EPDM	GenFlex EPDM Bonding Adhesive LVOC (“EPDM BA LVOC”)	Contact Application	60 ft <sup>2</sup> /gal
EPDM	GenFlex Water Based Bonding Adhesive (“WBBA”)	Contact Application	120 ft <sup>2</sup> /gal.

- 15A 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.
- 15B For membrane attachment using batten-strips, batten-strip end laps shall be spliced with sufficient dimension to allow for minimum 2-fasteners at each batten-strip lap.
- 15C Side laps shall be sealed in accordance with GenFlex requirements.

LAP SEALING METHODS		
MEMBRANE	PRIMER	ADHESIVE
Black, non-“PT” EPDM	GenFlex Cleaner or GenFlex All Purpose LVOC Cleaner	GenSplice
Black, non-“PT” EPDM	GenPrime, GenPrime LVOC, GenFlex Clear Primer, All Purpose LVOC Primer	GenFlex Seam Tape
GenFlex EPDM “PT”	GenPrime, GenPrime LVOC, GenFlex Clear Primer, All-Purpose LVOC Primer	Factory laminated GenFlex Seam Tape
GenFlex FlexWhite EPDM	GenFlex Clear Primer, All-Purpose LVOC Primer	GenFlex White Seam Tape

16 **Thermal Barrier and/or Vapor Barrier Options:**

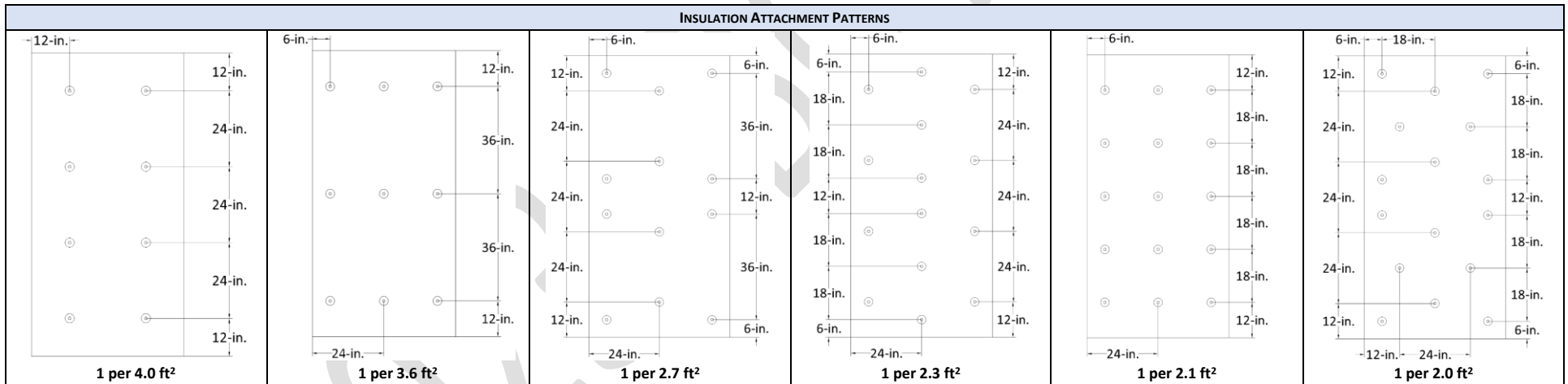
- 16A **Structural Concrete Decks:** The lesser of the MDP listings below vs. that for the selected assembly applies.

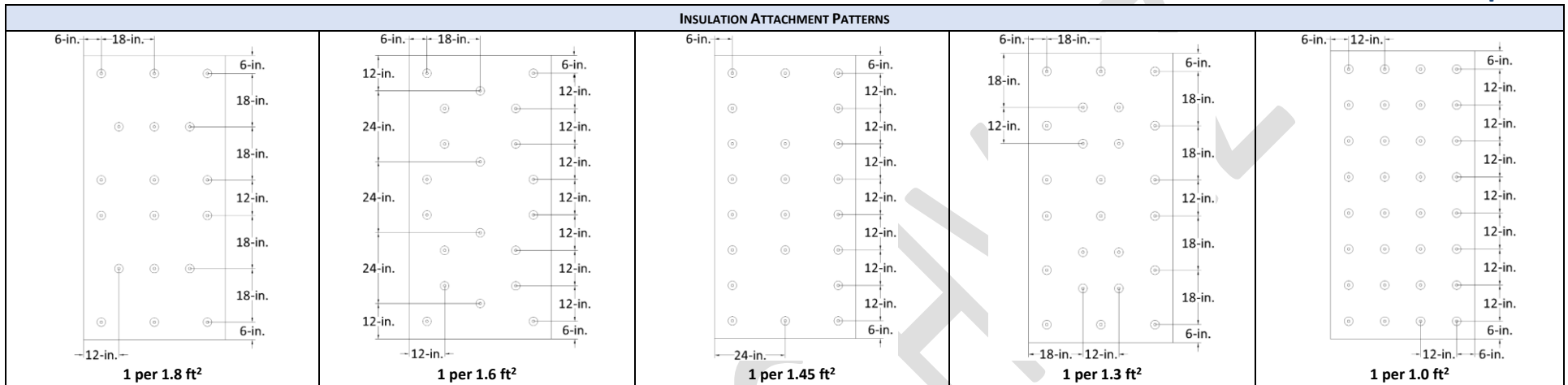
STRUCTURAL CONCRETE DECK; VAPOR BARRIER FOLLOWED BY ADHESIVE-APPLIED INSULATION					
OPTION #	PRIMER	VAPOR BARRIER		INSULATION ADHESIVE PER <a href="#">TABLE 3A</a> (Notes 6,7,8)	MDP (psf)
		TYPE	APPLICATION		
C-VB-1.	ASTM D41	1 or 2 plies Elevate Ply IV or Elevate Ply VI or 1 ply Elevate MB Base, Elevate SBS Base, Elevate SBS PolyBase or Elevate SBS Premium Base	Hot asphalt	Hot asphalt	-120.0
C-VB-2.	ASTM D41	Elevate MB Base, Elevate SBS Base, Elevate SBS PolyBase, Elevate SBS Premium Base, Elevate SBS Premium Poly Base or Elevate APP 170 COOL	Multi-Purpose MB Cold Adhesive, 1.5-2.0 gal/sq.	Multi-Purpose MB Cold Adhesive	-67.5*
C-VB-3.	ASTM D41	Elevate MB Base	GF-OSIA, 4” o.c.	GF-OSIA	-232.5

STRUCTURAL CONCRETE DECK; VAPOR BARRIER FOLLOWED BY ADHESIVE-APPLIED INSULATION						
OPTION #	PRIMER	VAPOR BARRIER		INSULATION ADHESIVE PER <a href="#">TABLE 3A</a> (Notes 6,7,8)	MDP (psf)	
		TYPE	APPLICATION			
C-VB-4.	None	Elevate MB Base, Elevate SBS Base, Elevate SBS PolyBase, Elevate SBS Premium Base or Elevate SBS Premium Poly Base		LiquiGard, 1.5-2.0 gal/sq.	GF-OSIA	-240.0
C-VB-5.	GenFlex SA-Solvent Based (SB) Primer	GenFlex Vapor Shield Membrane		Self-adhering	GF-OSIA	-255.0
C-VB-6.	ASTM D41	1 or 2 plies Elevate Ply IV or Elevate Ply VI or 1 ply Elevate MB Base, Elevate SBS Base, Elevate SBS PolyBase or Elevate SBS Premium Base		Hot asphalt	GF-OSIA	-495.0
C-VB-7.	ASTM D41	Elevate SBS Poly Torch Base or Elevate SBS Glass Torch Base		Torch-applied	GF-OSIA	-495.0
C-VB-8.	GenFlex SA-Solvent Based (SB) Primer	GenFlex Vapor Shield Membrane		Self-adhering	GF-ISO-BOND	-262.5
C-VB-9.	ASTM D41	Elevate MB Base, Elevate SBS Base, Elevate SBS PolyBase, Elevate SBS Premium Base or Elevate SBS Premium Poly Base		Hot asphalt	Quick Dual, 4-inch o.c.	-337.5
C-VB-10.	ASTM D41	Elevate SBS Poly Torch Base or Elevate SBS Glass Torch Base		Torch-applied	Quick Dual, 4-inch o.c.	-337.5

16B For System Types B-1, B-2 and C-1 over steel deck, GenFlex Vapor Shield Membrane, self-adhered, may be installed atop the steel roof deck prior to installation of subsequent insulation components. Refer to [FM Loss Prevention Data Sheet](#) 1-29 for design and installation limitations.

17 Unless otherwise noted, insulation or coverboard attachment patterns for Type B-1, Type B-2, Type C-1 and C-2 systems are as outlined below:





- 18 For System Types B-1, B-2 and C-1 over steel deck, GenFlex Vapor Shield Membrane, self-adhered, may be installed atop the steel roof deck prior to installation of subsequent insulation components. Refer to [FM Loss Prevention Data Sheet](#) 1-29 for design and installation limitations.
- 19 Unless otherwise noted, the following products are interchangeable within the scope of this PEER:

ACCEPTABLE ALTERNATES				
SUB-CATEGORY	MANUFACTURER	FBC FILE OR NOA	LISTED PRODUCT HEREIN	ALTERNATE
ROOFING INSULATION	GenFlex	N/A	GenFlex ISO Insulation	GenFlex GL ISO, GenFlex Coated Glass Facer or GenFlex CG ISO
			GenFlex Coated Glass Facer	GenFlex CG ISO
	Georgia-Pacific Gypsum, LLC	FL1250	DensDeck Prime	DensDeck StormX Prime Roof Board

- 20 “MDP” = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads. Refer to FBC (HVHZ) 1620 and [Roofing Application Standard](#) RAS 128 for determination of design wind loads ([Notes 9 and 10](#)).

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

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation Layer <a href="#">(Note 3, Note 13)</a>	Top Insulation Layer			Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
			Type	Fasteners <a href="#">(Note 11)</a>	Attach <a href="#">(Note 17)</a>	Type	Attach	
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE EPDM-BA:</b>								
W-1	Min. 19/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
W-2	Min. 15/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1-inch GenFlex HD ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
W-3	Min. 23/32-inch plywood or wood plank.	Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
W-4	Min. 23/32-inch plywood or wood plank.	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex HailGard	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
W-5	Min. 19/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.8 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0
W-6	Min. 19/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC:</b>								
W-7	Min. 19/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
W-8	Min. 15/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1-inch GenFlex HD ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
W-9	Min. 23/32-inch plywood or wood plank.	Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
W-10	Min. 23/32-inch plywood or wood plank.	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex HailGard	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
W-11	Min. 19/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.8 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0
W-12	Min. 19/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0

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

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation Layer <a href="#">(Note 3, Note 13)</a>	Top Insulation Layer			Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
			Type	Fasteners <a href="#">(Note 11)</a>	Attach <a href="#">(Note 17)</a>	Type	Attach	
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC-1168:</b>								
W-13	Min. 19/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
W-14	Min. 15/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1-inch GenFlex HD ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
W-15	Min. 23/32-inch plywood or wood plank.	Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
W-16	Min. 23/32-inch plywood or wood plank.	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex HailGard	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
W-17	Min. 19/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.8 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0
W-18	Min. 19/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck Prime	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0
<b>MEMBRANE IN WATER BASED BONDING ADHESIVE P:</b>								
W-19	Min. 15/32-inch plywood or wood plank at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1-inch GenFlex HD ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0*
W-20	Min. 19/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.8 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0
W-21	Min. 19/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0

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

System No.	Deck <a href="#">(Note 1)</a>	Insulation <a href="#">(Note 3, Note 13)</a>		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
		Type	Attachment	Membrane	Fasteners <a href="#">(Note 11)</a>	Attachment	
W-22	Min. 23/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Preliminarily attached	GenFlex II FRM or II FRM-FR	GenFast AP Fasteners or GenFast HD Fasteners with GenFast 2" Metal Seam Plates	6-inch o.c. within 7-inch wide laps spaced 84-inch o.c.	-45.0
W-23	Min. 23/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Preliminarily attached	Min. 0.060 inch GenFlex II FRM or II FRM-FR	GenFast AP Fasteners or GenFast HD Fasteners with GenFast Venting Seam Plates	6-inch o.c. within 7-inch wide laps spaced 114-inch o.c.	-45.0

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

System No.	Deck <a href="#">(Note 1)</a>	Insulation <a href="#">(Note 3, Note 13)</a>		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
		Type	Attachment	Membrane	Fasteners <a href="#">(Note 11)</a>	Attachment	
W-24	Min. 23/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Preliminarily attached	GenFlex II FRM or II FRM-FR	GenFast AP Fasteners or GenFast HD Fasteners with GenFlex Bar Anchor or GenFast Polymer Batten Strip	6-inch o.c. within 7-inch wide laps spaced 84-inch o.c.	-45.0
W-25	Min. 23/32-inch plywood or wood plank at max. 24-inch spans; 8d ring shank nails, 6" o.c.	Min. 1.5-inch thick, one or more layers, any combination	Preliminarily attached	GenFlex II FRM or II FRM-FR	GenFast AP Fasteners or GenFast HD Fasteners with GenFlex Bar Anchor or GenFast Polymer Batten Strip	6-inch o.c. within 7-inch wide laps spaced 114-inch o.c.	-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, BONDED ROOF COVER**

Sys No.	Deck <a href="#">(Note 1)</a>	Base Insulation Layer			Top Insulation Layer		Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
		Type	Fastener <a href="#">(Note 11)</a>	Attach <a href="#">(Note 17)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE EPDM-BA:</b>									
SC-1.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex ISO	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-2.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2.25-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex ISO	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-3.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-4.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	Min. 0.5-inch GenFlex HD ISO	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-5.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	Min. 1.5-inch GenFlex HD ISO Composite	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-6.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex HD ISO Composite	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-7.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.5-inch Dens Deck Prime	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex Coated Glass Facer followed by optional min. 0.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-8.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	Min. 0.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-9.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	Min. 1.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-10.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	Min. 0.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-11.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	Min. 0.5-inch Dens Deck Prime	GF-OSIA or GF-ISO-BOND, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-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, BONDED ROOF COVER**

Sys No.	Deck ( <a href="#">Note 1</a> )	Base Insulation Layer			Top Insulation Layer		Roof Cover ( <a href="#">Note 15</a> )		MDP (psf)
		Type	Fastener ( <a href="#">Note 11</a> )	Attach ( <a href="#">Note 17</a> )	Type	Attach ( <a href="#">Notes 6,7,8</a> )	Type	Attach	
SC-12.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	Min. 1.5-inch GenFlex ISO	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-75.0
SC-13.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	Min. 1.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-75.0
SC-14.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 0.5-inch GenFlex HD ISO	GF-OSIA or GF-ISO-BOND, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-105.0
SC-15.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 0.5-inch Dens Deck Prime	GF-OSIA or GF-ISO-BOND, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-105.0
SC-16.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c.	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 1-inch GenFlex ISO	GF-OSIA or GF-ISO-BOND, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-112.5
SC-17.	Min. 22 ga., type B, Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND, 6-in o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-120.0
SC-18.	Min. 22 ga., type B, Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 1-inch GenFlex ISO	GF-OSIA or GF-ISO-BOND, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-127.5
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC:</b>									
SC-19.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex ISO	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-20.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2.25-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex ISO	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-21.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-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, BONDED ROOF COVER**

Sys No.	Deck ( <a href="#">Note 1</a> )	Base Insulation Layer			Top Insulation Layer		Roof Cover ( <a href="#">Note 15</a> )		MDP (psf)
		Type	Fastener ( <a href="#">Note 11</a> )	Attach ( <a href="#">Note 17</a> )	Type	Attach ( <a href="#">Notes 6,7,8</a> )	Type	Attach	
SC-22.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	Min. 0.5-inch GenFlex HD ISO	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-23.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	Min. 1.5-inch GenFlex HD ISO Composite	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-24.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex HD ISO Composite	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-25.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.5-inch Dens Deck Prime	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex Coated Glass Facer followed by optional min. 0.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-26.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	Min. 0.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-27.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	Min. 1.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-28.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	Min. 0.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-29.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	Min. 0.5-inch Dens Deck Prime	GF-OSIA or GF-ISO-BOND, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-60.0
SC-30.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	Min. 1.5-inch GenFlex ISO	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-75.0
SC-31.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	Min. 1.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-75.0
SC-32.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 0.5-inch GenFlex HD ISO	GF-OSIA or GF-ISO-BOND, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-105.0

**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, BONDED ROOF COVER**

Sys No.	Deck ( <a href="#">Note 1</a> )	Base Insulation Layer			Top Insulation Layer		Roof Cover ( <a href="#">Note 15</a> )		MDP ( <a href="#">psf</a> )
		Type	Fastener ( <a href="#">Note 11</a> )	Attach ( <a href="#">Note 17</a> )	Type	Attach ( <a href="#">Notes 6,7,8</a> )	Type	Attach	
SC-33.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 0.5-inch Dens Deck Prime	GF-OSIA or GF-ISO-BOND, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-105.0
SC-34.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c.	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 1-inch GenFlex ISO	GF-OSIA or GF-ISO-BOND, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-112.5
SC-35.	Min. 22 ga., type B, Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND, 6-in o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-120.0
SC-36.	Min. 22 ga., type B, Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 1-inch GenFlex ISO	GF-OSIA or GF-ISO-BOND, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-127.5
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC-1168:</b>									
SC-37.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex ISO	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-38.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2.25-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex ISO	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-39.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-40.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	Min. 0.5-inch GenFlex HD ISO	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-41.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	Min. 1.5-inch GenFlex HD ISO Composite	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-42.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex HD ISO Composite	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-43.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.5-inch Dens Deck Prime	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex Coated Glass Facer followed by optional min. 0.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-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, BONDED ROOF COVER**

Sys No.	Deck ( <a href="#">Note 1</a> )	Base Insulation Layer			Top Insulation Layer		Roof Cover ( <a href="#">Note 15</a> )		MDP (psf)
		Type	Fastener ( <a href="#">Note 11</a> )	Attach ( <a href="#">Note 17</a> )	Type	Attach ( <a href="#">Notes 6,7,8</a> )	Type	Attach	
SC-44.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	Min. 0.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-45.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	Min. 1.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-46.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	Min. 0.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-47.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	Min. 0.5-inch Dens Deck Prime	GF-OSIA or GF-ISO-BOND, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-60.0
SC-48.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	Min. 1.5-inch GenFlex ISO	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-75.0
SC-49.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	Min. 1.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-75.0
SC-50.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c.	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 1-inch GenFlex ISO	GF-OSIA or GF-ISO-BOND, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-112.5
SC-51.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 0.5-inch Dens Deck Prime	GF-OSIA or GF-ISO-BOND, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-112.5
SC-52.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c.	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 0.5-inch GenFlex HD ISO	GF-OSIA or GF-ISO-BOND, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-112.5
SC-53.	Min. 22 ga., type B, Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 1-inch GenFlex ISO	GF-OSIA or GF-ISO-BOND, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-120.0

**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, BONDED ROOF COVER**

Sys No.	Deck <a href="#">(Note 1)</a>	Base Insulation Layer			Top Insulation Layer		Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
		Type	Fastener <a href="#">(Note 11)</a>	Attach <a href="#">(Note 17)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
SC-54.	Min. 22 ga., type B, Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND, 6-in o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-120.0
SC-55.	Min. 22 ga., type B, Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 0.5-inch GenFlex HD ISO	GF-OSIA or GF-ISO-BOND, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-135.0
<b>MEMBRANE IN WATER BASED BONDING ADHESIVE P:</b>									
SC-56.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex ISO	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0*
SC-57.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	Min. 0.5-inch GenFlex HD ISO	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0*
SC-58.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	Min. 1.5-inch GenFlex HD ISO Composite	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0*
SC-59.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex HD ISO Composite	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0*
SC-60.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	Min. 1.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-75.0
SC-61.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 1-inch GenFlex ISO	GF-OSIA or GF-ISO-BOND, 4-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-105.0
SC-62.	Min. 22 ga., type B, Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	Min. 1.5-inch GenFlex Coated Glass Facer	GF-OSIA or GF-ISO-BOND, 6-in o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-120.0

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

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation Layer			Vapor Barrier / Vapor Barrier	Insulation		Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
		Type	Fasten <a href="#">(Note 11)</a>	Attach <a href="#">(Note 17)</a>		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
SC-63.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.25-inch Dens Deck or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	GenFlex SA-Solvent Based (SB) Primer; GenFlex Vapor Shield Membrane, self-adhered	One or more layers min. 1.5-inch GenFlex ISO, optional min. 0.5-inch Tapered GenFlex ISO	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, LVOC BA-1168 or WBBA-P	-45.0*
SC-64.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 0.25-inch Dens Deck or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	GenFlex SA-Solvent Based (SB) Primer; GenFlex Vapor Shield Membrane, self-adhered	One or more layers min. 1.5-inch GenFlex ISO, optional min. 0.5-inch Tapered GenFlex ISO; Min. 0.5-inch GenFlex HD ISO or Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board; or Min. 19/32-inch plywood	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, LVOC BA-1168 or WBBA-P	-45.0*
SC-65.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 5/8-inch Dens Deck Prime	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex SA Primer; Firestone BASEGARD SA, self-adhered	One or more layers min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer, optional min. 0.5-inch GenFlex HD ISO or min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA P	-45.0*

**TABLE 2C: 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 <a href="#">(Note 1)</a>	Base Insulation Layer <a href="#">(Note 3, Note 13)</a>	Top Insulation Layer			Roof Cover <a href="#">(Note 15)</a>		MDP (psf)
			Type	Fasteners <a href="#">(Note 11)</a>	Attach <a href="#">(Note 17)</a>	Type	Attach	
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE EPDM-BA:</b>								
SC-66.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-67.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.25-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-68.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) Min. 1-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO, max. 48 x 48 inch	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-69.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min.0.25-inch Dens Deck Prime	<a href="#">Note 2</a>	1 per 1.8 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-70.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch GenFlex HD ISO	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-71.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex HailGard	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-72.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-73.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-74.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0*
SC-75.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-45.0
SC-76.	Min. 20 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-67.5

**TABLE 2C: 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 <a href="#">(Note 1)</a>	Base Insulation Layer <a href="#">(Note 3, Note 13)</a>	Top Insulation Layer			Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
			Type	Fasteners <a href="#">(Note 11)</a>	Attach <a href="#">(Note 17)</a>	Type	Attach	
SC-77.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-75.0
SC-78.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	1.5-inch GenFlex HailGard	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-75.0
SC-79.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck Prime	<a href="#">Note 2</a>	1 per 1.3 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-75.0
SC-80.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 1.5-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-75.0
SC-81.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-82.5
SC-82.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.3 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-82.5
SC-83.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-82.5
SC-84.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-82.5
SC-85.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck Prime	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-105.0

**TABLE 2C: 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 <a href="#">(Note 1)</a>	Base Insulation Layer <a href="#">(Note 3, Note 13)</a>	Top Insulation Layer			Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
			Type	Fasteners <a href="#">(Note 11)</a>	Attach <a href="#">(Note 17)</a>	Type	Attach	
SC-86.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.3 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-105.0
SC-87.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-112.5
SC-88.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-112.5
SC-89.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-112.5
SC-90.	Min. 22 ga. Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-150.0
SC-91.	Min. 22 ga. Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-150.0
SC-92.	Min. 22 ga. Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	<a href="#">Note 2</a> (HD only for steel)	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-180.0
SC-93.	Min. 22 ga. Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	1.5-inch GenFlex HailGard	<a href="#">Note 2</a> (HD only for steel)	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-180.0
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC:</b>								
SC-94.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*

**TABLE 2C: 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 <a href="#">(Note 1)</a>	Base Insulation Layer <a href="#">(Note 3, Note 13)</a>	Top Insulation Layer			Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
			Type	Fasteners <a href="#">(Note 11)</a>	Attach <a href="#">(Note 17)</a>	Type	Attach	
SC-95.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.25-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-96.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) Min. 1-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO, max. 48 x 48 inch	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-97.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min.0.25-inch Dens Deck Prime	<a href="#">Note 2</a>	1 per 1.8 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-98.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch GenFlex HD ISO	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-99.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex HailGard	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-100.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-101.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-102.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0*
SC-103.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-45.0
SC-104.	Min. 20 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-67.5
SC-105.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-75.0

**TABLE 2C: 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 <a href="#">(Note 1)</a>	Base Insulation Layer <a href="#">(Note 3, Note 13)</a>	Top Insulation Layer			Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
			Type	Fasteners <a href="#">(Note 11)</a>	Attach <a href="#">(Note 17)</a>	Type	Attach	
SC-106.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	1.5-inch GenFlex HailGard	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-75.0
SC-107.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck Prime	<a href="#">Note 2</a>	1 per 1.3 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-75.0
SC-108.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 1.5-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-75.0
SC-109.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 5/8-inch SECUROCK Gypsum-Fiber Roof Board	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-82.5
SC-110.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.3 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-82.5
SC-111.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-82.5
SC-112.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-82.5
SC-113.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck Prime	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-105.0
SC-114.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.3 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-105.0

**TABLE 2C: 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 <a href="#">(Note 1)</a>	Base Insulation Layer <a href="#">(Note 3, Note 13)</a>	Top Insulation Layer			Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
			Type	Fasteners <a href="#">(Note 11)</a>	Attach <a href="#">(Note 17)</a>	Type	Attach	
SC-115.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-112.5
SC-116.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-112.5
SC-117.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-112.5
SC-118.	Min. 22 ga. Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-142.5
SC-119.	Min. 22 ga. Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	1.5-inch GenFlex HailGard	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-142.5
SC-120.	Min. 22 ga. Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-150.0
SC-121.	Min. 22 ga. Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-150.0
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC-1168:</b>								
SC-122.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-123.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.25-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*

**TABLE 2C: 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 <a href="#">(Note 1)</a>	Base Insulation Layer <a href="#">(Note 3, Note 13)</a>	Top Insulation Layer			Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
			Type	Fasteners <a href="#">(Note 11)</a>	Attach <a href="#">(Note 17)</a>	Type	Attach	
SC-124.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) Min. 1-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO, max. 48 x 48 inch	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-125.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck Prime	<a href="#">Note 2</a>	1 per 1.8 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-126.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch GenFlex HD ISO	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-127.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-128.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex HailGard	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-129.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-130.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-131.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 4.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*
SC-132.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0
SC-133.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	1.5-inch GenFlex HailGard	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-75.0
SC-134.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck Prime	<a href="#">Note 2</a>	1 per 1.3 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-75.0

**TABLE 2C: 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 <a href="#">(Note 1)</a>	Base Insulation Layer <a href="#">(Note 3, Note 13)</a>	Top Insulation Layer			Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
			Type	Fasteners <a href="#">(Note 11)</a>	Attach <a href="#">(Note 17)</a>	Type	Attach	
SC-135.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 1.5-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-75.0
SC-136.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 1.5-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.3 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-82.5
SC-137.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-82.5
SC-138.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.6 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-82.5
SC-139.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch Dens Deck Prime	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-105.0
SC-140.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.3 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-105.0
SC-141.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-112.5
SC-142.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-112.5
SC-143.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-112.5

**TABLE 2C: 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 <a href="#">(Note 1)</a>	Base Insulation Layer <a href="#">(Note 3, Note 13)</a>	Top Insulation Layer			Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
			Type	Fasteners <a href="#">(Note 11)</a>	Attach <a href="#">(Note 17)</a>	Type	Attach	
SC-144.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-112.5
SC-145.	Min. 22 ga. Grade 80 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-120.0
SC-146.	Min. 22 ga. Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	19/32-inch plywood	<a href="#">Note 2</a> (HD only for steel)	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-142.5
SC-147.	Min. 22 ga. Grade 33 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	1.5-inch GenFlex HailGard	<a href="#">Note 2</a> (HD only for steel)	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-142.5
SC-148.	Min. 22 ga. Grade 80 steel; 6' spans; two (2) #12 HWH Tek 5 screws 6" o.c. or min. 2,500 psi structural concrete	(Optional) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 2-inch GenFlex Coated Glass Facer	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-142.5
<b>MEMBRANE IN WATER BASED BONDING ADHESIVE P:</b>								
SC-149.	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.25-inch GenFlex ISO	<a href="#">Note 2</a>	1 per 2.7 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0*
SC-150.	Min. 22 ga. Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	<a href="#">Note 2</a>	1 per 2.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-45.0*
SC-151.	Min. 22 ga. Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	(Optional for Recover) Min. 1.5-inch thick, one or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	<a href="#">Note 2</a>	1 per 1.0 ft <sup>2</sup>	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-112.5

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

System No.	Deck <a href="#">(Note 1)</a>	Insulation <a href="#">(Note 3, Note 13)</a>		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
		Type	Attachment	Membrane	Fasteners <a href="#">(Note 11)</a>	Attachment	
SC-152.	Min. 22 ga, type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Preliminarily attached	GenFlex II FRM or II FRM-FR	GenFast AP Fasteners (steel only) or GenFast HD Fasteners or GenFast Concrete Drive (concrete only) with GenFast Venting Seam Plates	6-inch o.c. within 7-inch wide laps spaced 84-inch o.c.	-52.5
SC-153.	Min. 22 ga., type B, Grade 80 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Preliminarily attached	Min. 0.060 inch GenFlex II FRM or II FRM-FR	GenFast AP Fasteners (steel only) or GenFast HD Fasteners or GenFast Concrete Drive (concrete only) with GenFast Venting Seam Plates	6-inch o.c. within 6-inch wide laps spaced 114-inch o.c.	-52.5

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

System No.	Deck <a href="#">(Note 1)</a>	Insulation <a href="#">(Note 3, Note 13)</a>		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
		Type	Attach	Membrane	Fasteners <a href="#">(Note 11)</a>	Attachment	
SC-154.	Min. 22 ga, type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim, attach	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT or FRM-FR	GenFast AP Fasteners (steel only) or GenFast HD Fasteners or GenFast Concrete Drive (concrete only) with GenFlex Bar Anchor	Fasteners 6-inch o.c. through batten within 7-inch wide laps spaced 72-inch o.c.	-45.0
SC-155.	Min. 22 ga., type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim, attach	GenFlex II FRM, II FRM PT or II FRM-FR	GenFast HD Fasteners or GenFast Concrete Drive (concrete only) with GenFast Polymer Batten Strip	Fasteners 12-inch o.c. through batten within 6-inch wide laps spaced 84-inch o.c.	-52.5
SC-156.	Min. 22 ga., type B, Grade 80 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim, attach	GenFlex II FRM or II FRM-FR	GenFast AP Fasteners (steel only) or GenFast HD Fasteners or GenFast Concrete Drive (concrete only) with GenFast Polymer Batten Strip	Fasteners 6-inch o.c. through batten within 6-inch wide laps spaced 115-inch o.c.	-52.5
SC-157.	Min. 22 ga., type B, Grade 80 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim, attach	GenFlex II FRM or II FRM-FR	GenFast HD Plus Fasteners or GenFast Concrete Drive (concrete only) with GenFast Polymer Batten Strip	Fasteners 12-inch o.c. through batten in field of the roof spaced 114-inch o.c. Screw heads topped with fastener sealer. Batten strips sealed with 6-inch cover-strip.	-60.0
SC-158.	Min. 22 ga., type B, Grade 80 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim, attach	GenFlex II FRM or II FRM-FR	GenFast HD Plus Fasteners or GenFast Concrete Drive (concrete only) with GenFast Polymer Batten Strip	Fasteners 12-inch o.c. through batten within 6-inch wide laps spaced 114-inch o.c.	-60.0

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

System No.	Deck <a href="#">(Note 1)</a>	Insulation <a href="#">(Note 3, Note 13)</a>		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
		Type	Attach	Membrane	Fasteners <a href="#">(Note 11)</a>	Attachment	
SC-159.	Min. 22 ga., type B, Grade 80 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim, attach	GenFlex II FRM or II FRM-FR	GenFast HD Fasteners with GenFlex Bar Anchor	Fasteners 12-inch o.c. through batten within 7-inch wide laps spaced 114-inch o.c. and applied in two equally spaced rows in field of the roof cover centered between and parallel with the laps, resulting in battens spaced 38-inch o.c. Field batten strips sealed with 6-inch cover-strip	-82.5
SC-160.	Min. 22 ga., type B, Grade 80 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim, attach	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT or FRM-FR	TruFast HD Fasteners with TruFast BB-18 Batten Bar	Fasteners 6-inch o.c. through batten in field of the roof spaced 24-inch o.c. Screw heads topped with fastener sealer. Batten strips sealed with 6-inch cover-strip.	-82.5

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER (RMA STRIPS)**

System No.	Deck <a href="#">(Note 1)</a>	Insulation <a href="#">(Note 3, Note 13)</a>		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
		Type	Attach	Membrane	Fasteners <a href="#">(Note 11)</a>	Attachment	
SC-161.	Min. 22 ga., type B, Grade 80 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim attach	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT or FRM-FR	GenFast AP Fasteners (steel only) or GenFast HD Fasteners with GenFast Polymer Batten Strip	GenFlex Peel & Stick R.M.A. strips are applied over the insulation spaced 114-inch o.c. The batten is centered over each strip and fastened 6-inch o.c. Roof cover adhered to each strip by first priming with GenPrime at the strip location, then rolling into place with a hand roller.	-45.0
SC-162.	Min. 22 ga, type B, Grade 33 steel; 6' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Min. 1.5-inch thick, one or more layers, any combination	Prelim attach	GenFlex II FRM, II FRM PT or II FRM-FR	GenFast HD Fasteners with GenFast Polymer Batten Strip	GenFlex Peel & Stick R.M.A. strips are applied over the insulation spaced 120-inch o.c. The batten is centered over each strip and fastened 6-inch o.c. Roof cover adhered to each strip by first priming with GenPrime at the strip location, then rolling into place with a hand roller.	-52.5

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

REFER TO [NOTE 16A](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck <a href="#">(Note 1)</a>	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE EPDM-BA:</b>									
C-1	Min. 2,500 psi structural concrete	ASTM D41	(Optional) Min. 1.5-inch GenFlex ISO	Hot asphalt	Min. 0.25-inch Dens Deck Prime	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-112.5*
C-2	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO with optional Tapered GenFlex ISO	Hot asphalt	Min. 0.25-inch Dens Deck	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-165.0*
C-3	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO	Hot asphalt	(Optional) Tapered GenFlex ISO	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-195.0*
C-4	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO	Hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*
C-5	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO	Hot asphalt	(Optional) Min. 0.25-inch Dens Deck	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-390.0*
C-6	Min. 2,500 psi structural concrete	ASTM D41	Min. 0.25-inch Dens Deck or SECUROCK Gypsum Fiber Roof Board	Hot asphalt	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-420.0*
C-7	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex Coated Glass Facer	Hot asphalt	(Optional) additional layers base insulation	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-360.0*
C-8	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-OSIA	(Optional) Min. 0.25-inch Dens Deck	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
C-9	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-OSIA	Optional additional layer(s) base insulation followed by 19/32-inch plywood	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
C-10	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-OSIA	Optional additional layers of base insulation; min. 1-inch GenFlex ISO	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*
C-11	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-OSIA	Min. 0.5-inch GenFlex HD ISO	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*
C-12	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-OSIA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*
C-13	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	GF-OSIA	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-300.0*
C-14	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex Coated Glass Facer	GF-OSIA, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	GF-OSIA, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-360.0*

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

REFER TO [NOTE 16A](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck <a href="#">(Note 1)</a>	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover <a href="#">(Note 15)</a>		MDP (psf)
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
C-15	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	GF-OSIA	(Optional) Additional layers of base insulation	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-360.0*
C-16	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-OSIA, full coverage	(Optional) Additional layers of base insulation or min. 0.25-inch Dens Deck or SECUROCK Gypsum Fiber Roof Board	GF-OSIA, full coverage	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-390.0*
C-17	Min. 2,500 psi structural concrete	None	Min. 0.25-inch Dens Deck or SECUROCK Gypsum Fiber Roof Board	GF-OSIA, full coverage	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-420.0*
C-18	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-232.5*
C-19	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Optional additional layers of base insulation; min. 1-inch GenFlex ISO	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*
C-20	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 19/32-inch plywood	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*
C-21	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*
C-22	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	(Optional) Additional layers of base insulation	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-270.0*
C-23	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-322.5*
C-24	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND, 4" o.c.	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT or FRM-FR	EPDM-BA	-360.0*
C-25	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex Coated Glass Facer	GF-ISO-BOND, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-360.0*
C-26	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	GF-ISO-BOND	(Optional) Additional layers of base insulation	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-360.0*
C-27	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND	None	N/A	GenFlex FlexWhite	EPDM-BA	-405.0*

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

REFER TO [NOTE 16A](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck <a href="#">(Note 1)</a>	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover <a href="#">(Note 15)</a>		MDP (psf)
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
C-28	Min. 2,500 psi structural concrete	None	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Polyset CRA	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-245.0*
C-29	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	Polyset CRA	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Polyset CRA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-270.0*
C-30	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	Polyset CRA	(Optional) Additional layers of base insulation	Polyset CRA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-270.0*
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC:</b>									
C-31	Min. 2,500 psi structural concrete	ASTM D41	(Optional) Min. 1.5-inch GenFlex ISO	Hot asphalt	Min. 0.25-inch Dens Deck Prime	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-112.5*
C-32	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO with optional Tapered GenFlex ISO	Hot asphalt	Min. 0.25-inch Dens Deck	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-165.0*
C-33	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO	Hot asphalt	(Optional) Tapered GenFlex ISO	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-195.0*
C-34	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO	Hot asphalt	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-247.5*
C-35	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO	Hot asphalt	(Optional) Min. 0.25-inch Dens Deck	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-390.0*
C-36	Min. 2,500 psi structural concrete	ASTM D41	Min. 0.25-inch Dens Deck or SECUROCK Gypsum Fiber Roof Board	Hot asphalt	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-420.0*
C-37	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex Coated Glass Facer	Hot asphalt	(Optional) additional layers base insulation	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-360.0*
C-38	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-OSIA	(Optional) Min. 0.25-inch Dens Deck	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
C-39	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-OSIA	Optional additional layer(s) base insulation followed by 19/32-inch plywood	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
C-40	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-OSIA	Min. 0.5-inch GenFlex HD ISO	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-202.5*
C-41	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-OSIA	Optional additional layers of base insulation; min. 1-inch GenFlex ISO	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-247.5*

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

REFER TO NOTE 16A FOR VAPOR BARRIER OPTIONS

System No.	Deck <a href="#">(Note 1)</a>	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover <a href="#">(Note 15)</a>		MDP (psf)
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
C-42	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-OSIA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-247.5*
C-43	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	GF-OSIA	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-300.0*
C-44	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex Coated Glass Facer	GF-OSIA, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	GF-OSIA, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-360.0*
C-45	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	GF-OSIA	(Optional) Additional layers of base insulation	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-360.0*
C-46	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-OSIA, full coverage	(Optional) Additional layers of base insulation or min. 0.25-inch Dens Deck or SECUROCK Gypsum Fiber Roof Board	GF-OSIA, full coverage	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-390.0*
C-47	Min. 2,500 psi structural concrete	None	Min. 0.25-inch Dens Deck or SECUROCK Gypsum Fiber Roof Board	GF-OSIA, full coverage	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-420.0*
C-48	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-232.5*
C-49	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Optional additional layers of base insulation; min. 1-inch GenFlex ISO	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-247.5*
C-50	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 19/32-inch plywood	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-247.5*
C-51	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-247.5*
C-52	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	(Optional) Additional layers of base insulation	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-270.0*
C-53	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-322.5*
C-54	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND, 4" o.c.	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT or FRM-FR	BA-LVOC	-360.0*
C-55	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex Coated Glass Facer	GF-ISO-BOND, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-360.0*

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

REFER TO [NOTE 16A](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck <a href="#">(Note 1)</a>	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover <a href="#">(Note 15)</a>		MDP (psf)
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
C-56	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	GF-ISO-BOND	(Optional) Additional layers of base insulation	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-360.0*
C-57	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND	None	N/A	GenFlex FlexWhite	BA-LVOC	-405.0*
C-58	Min. 2,500 psi structural concrete	None	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Polyset CRA	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-245.0*
C-59	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	Polyset CRA	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Polyset CRA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-270.0*
C-60	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	Polyset CRA	(Optional) Additional layers of base insulation	Polyset CRA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-270.0*
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC-1168:</b>									
C-61	Min. 2,500 psi structural concrete	ASTM D41	(Optional) Min. 1.5-inch GenFlex ISO	Hot asphalt	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-112.5*
C-62	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex ISO	Hot asphalt	(Optional) Tapered GenFlex ISO	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-195.0*
C-63	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex Coated Glass Facer	Hot asphalt	(Optional) additional layers base insulation	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-360.0*
C-64	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-OSIA	Optional additional layer(s) base insulation followed by 19/32-inch plywood	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-157.5*
C-65	Min. 2,500 psi structural concrete	None	(Optional) Min. 1.5-inch GenFlex ISO	GF-OSIA	Min. 0.5-inch GenFlex HD ISO	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-225.0*
C-66	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-OSIA	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-262.5*
C-67	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	GF-OSIA	(Optional) Additional layers of base insulation	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-450.0*
C-68	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	(Optional) Additional layers of base insulation and/or min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-225.0*
C-69	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-225.0*

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

REFER TO [NOTE 16A](#) FOR VAPOR BARRIER OPTIONS

System No.	Deck <a href="#">(Note 1)</a>	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
C-70	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 19/32-inch plywood	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-247.5*
C-71	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-262.5*
C-72	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	GF-ISO-BOND	(Optional) Additional layers of base insulation	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-450.0*
C-73	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	Polyset CRA	(Optional) Additional layers of base insulation	Polyset CRA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-225.0*
<b>MEMBRANE IN WATER BASED BONDING ADHESIVE P:</b>									
C-74	Min. 2,500 psi structural concrete	ASTM D41	Min. 1.5-inch GenFlex Coated Glass Facer	Hot asphalt	(Optional) additional layers base insulation	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-405.0*
C-75	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-OSIA	Min. 0.5-inch GenFlex HD ISO	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-247.5*
C-76	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	GF-OSIA	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-300.0*
C-77	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex Coated Glass Facer	GF-OSIA, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	GF-OSIA, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-360.0*
C-78	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	GF-OSIA	(Optional) Additional layers of base insulation	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-405.0*
C-79	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-277.5*
C-80	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND, 4" o.c.	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT or FRM-FR	WBBA P	-360.0*
C-81	Min. 2,500 psi structural concrete	None	Min. 1.5-inch GenFlex Coated Glass Facer	GF-ISO-BOND, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-360.0*
C-82	Min. 2,500 psi structural concrete	None	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND	None	N/A	GenFlex FlexWhite	WBBA P	-405.0*
C-83	Min. 2,500 psi structural concrete	None	Min. 1-inch GenFlex Coated Glass Facer	GF-ISO-BOND	(Optional) Additional layers of base insulation	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-405.0*

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

System No.	Deck <a href="#">(Note 1)</a>	Lightweight Concrete <a href="#">(Note 14)</a>	Base Insulation Layer		Coverboard		Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
LWC-1	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO	GF-OSIA	(Optional) Additional layers of base insulation	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA-P	-60.0*
LWC-2	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-OSIA	Optional additional layers of base insulation followed by min. 19/32-inch plywood	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA-P	-67.5*
LWC-3	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-OSIA	Optional additional layers of base insulation followed by min. 19/32-inch plywood	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA or BA-LVOC	-127.5*
LWC-4	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-OSIA	Optional additional layers of base insulation followed by min. 19/32-inch plywood	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-142.5*
LWC-5	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-OSIA	(Optional) Additional layers of base insulation	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC or BA-LVOC-1168	-217.5*
LWC-6	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch or GenFlex Coated Glass Facer	GF-OSIA	(Optional) Additional layers of base insulation	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA-P	-217.5*
LWC-7	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-OSIA	Min. 2-inch GenFlex HD ISO Composite	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA-P	-217.5*
LWC-8	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-OSIA	Optional additional layers of base insulation followed by min. 0.5-inch GenFlex HD ISO	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA-P	-217.5*

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

System No.	Deck <a href="#">(Note 1)</a>	Lightweight Concrete <a href="#">(Note 14)</a>	Base Insulation Layer		Coverboard		Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
LWC-9	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-OSIA	Optional additional layers of base insulation followed by min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC or BA-LVOC-1168	-217.5*
LWC-10	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO	GF-ISO-BOND	(Optional) Additional layers of base insulation	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA-P	-60.0*
LWC-11	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-ISO-BOND	Optional additional layers of base insulation followed by min. 19/32-inch plywood	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA-P	-67.5*
LWC-12	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-ISO-BOND	Optional additional layers of base insulation followed by min. 19/32-inch plywood	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA or BA-LVOC	-127.5*
LWC-13	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-ISO-BOND	Optional additional layers of base insulation followed by min. 19/32-inch plywood	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-142.5*
LWC-14	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-ISO-BOND	(Optional) Additional layers of base insulation	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC or BA-LVOC-1168	-187.5*
LWC-15	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex Coated Glass Facer	GF-ISO-BOND	(Optional) Additional layers of base insulation	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA-P	-187.5*
LWC-16	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-ISO-BOND	Min. 2-inch GenFlex HD ISO Composite	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA-P	-187.5*

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

System No.	Deck <a href="#">(Note 1)</a>	Lightweight Concrete <a href="#">(Note 14)</a>	Base Insulation Layer		Coverboard		Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
			Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
LWC-17	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-ISO-BOND	Optional additional layers of base insulation followed by min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA-P	-187.5*
LWC-18	Min. 2,500 psi structural concrete	Min. 350 psi, min. 2-inch thick Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture, with optional 1-inch thick, 1.0 pcf EPS holey board and surfacing of Celcore PVA Curing Compound.	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-ISO-BOND	Optional additional layers of base insulation followed by min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC or BA-LVOC-1168	-187.5*

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

System No.	Deck <a href="#">(Note 1)</a>	Lightweight Concrete <a href="#">(Note 14)</a>	Anchor Sheet			Insulation			Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
			Type	Fasteners <a href="#">(Note 11)</a>	Attach	Base	Top	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
LWC-19	Min. 22 ga., Type BV, Grade 33 steel; 5' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Pre-existent Minimum 200 psi, minimum 2-inch thick cellular LWIC. <i>Note: To qualify the LWIC under this assembly, the subject fastener shall achieve a MCRF of 52 lbf when tested per <a href="#">Note 11</a>.</i>	MB Base, Venting Base Sheet, SBS Base, SBS Base-P, SBS PolyBase, SBS Smooth, SBS Premium Base	Two Piece Impact Nail (min. 1.8-inch)	7-inch o.c. at the 4-inch side lap and 7-inch o.c. at two, equally spaced, staggered rows in the center of the sheet	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	(Optional) Additional layers base insulation	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA P	-45.0
LWC-20	Min. 22 ga., Type BV, Grade 33 steel; 5' spans; #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete	Pre-existent Minimum 200 psi, minimum 2-inch thick cellular LWIC <i>Note: To qualify the LWIC under this assembly, the subject fastener shall achieve a MCRF of 52 lbf when tested per <a href="#">Note 11</a>.</i>	MB Base, Venting Base Sheet, SBS Base, SBS Base-P, SBS PolyBase, SBS Smooth, SBS Premium Base	Two Piece Impact Nail (min. 1.8-inch)	7-inch o.c. at the 4-inch side lap and 7-inch o.c. at two, equally spaced, staggered rows in the center of the sheet	Min. 1-inch GenFlex ISO or GenFlex Coated Glass Facer	Optional additional layers base insulation followed by min. 0.5-inch GenFlex HD ISO or min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA P	-45.0

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

System No.	Deck <a href="#">(Note 1, Note 12)</a>	Base Insulation Layer		Top Insulation Layer		Roof Cover <a href="#">(Note 15)</a>		MDP (psf)
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
CWF-1.	Existing Tectum	Min. 1-inch GenFlex ISO or min. 0.5-inch GenFlex HD ISO	GF-OSIA	(Optional) Additional layer(s) base insulation	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA P	-45.0*

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

System No.	Deck <a href="#">(Note 1)</a>	Anchor Sheet			Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>		MDP (psf)
		Type	Fasteners <a href="#">(Note 11)</a>	Attach	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
CWF-2.	Existing Tectum	MB Base, Venting Base Sheet, SBS Base, SBS Bsaè-P, SBS PolyBase, SBS Smooth, SBS Premium Base	Two Piece Impact Nail (min. 1.8-inch)	12-inch o.c. at the min. 2-inch lap and 18-inch o.c. at two, equally spaced center rows	Min. 1-inch GenFlex ISO or min. 0.5-inch GenFlex HD ISO	GF-OSIA or GF-ISO-BOND	(Optional) Additional layer(s) base insulation	GF-OSIA or GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC, BA-LVOC-1168 or WBBA P	-45.0*
CWF-3.	Existing Tectum	SBS Base, SBS Premium Base, MB Base or APP 160	Two Piece Impact Nail (min. 1.8-inch)	9-inch o.c. at the min. 2-inch lap and 18-inch o.c. at two, equally spaced center rows	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	(Optional) Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA, BA-LVOC or WBBA P	-45.0*
CWF-4.	Existing Tectum	SBS Base, SBS Premium Base, MB Base or APP 160	Two Piece Impact Nail (min. 1.8-inch)	9-inch o.c. at the min. 2-inch lap and 18-inch o.c. at two, equally spaced center rows	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	(Optional) Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*

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

System No.	Deck <a href="#">(Note 1, Note 12)</a>	Base Insulation Layer		Top Insulation Layer		Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a>
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE EPDM-BA:</b>								
G-1.	Existing gypsum deck	Min. 1.5-inch GenFlex ISO	GF-OSIA	(Optional) Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
G-2.	Existing gypsum deck	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	(Optional) Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 19/32-inch plywood	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-112.5*
G-3.	Existing gypsum deck	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Polyset CRA	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-245.0*
G-4.	Existing gypsum deck	Min. 1.5-inch GenFlex ISO	Polyset CRA	(Optional) Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 19/32-inch plywood	Polyset CRA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-257.5*
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC:</b>								
G-5.	Existing gypsum deck	Min. 1.5-inch GenFlex ISO	GF-OSIA	(Optional) Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
G-6.	Existing gypsum deck	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	(Optional) Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 19/32-inch plywood	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-112.5*
G-7.	Existing gypsum deck	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Polyset CRA	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-245.0*
G-8.	Existing gypsum deck	Min. 1.5-inch GenFlex ISO	Polyset CRA	(Optional) Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 19/32-inch plywood	Polyset CRA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-257.5*
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC-1168:</b>								
G-9.	Existing gypsum deck	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	(Optional) Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board or min. 19/32-inch plywood	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-112.5*
G-10.	Existing gypsum deck	Min. 1.5-inch GenFlex ISO	Polyset CRA	(Optional) Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board or min. 19/32-inch plywood	Polyset CRA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-257.5*

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

System No.	Deck <a href="#">(Note 1)</a>	Anchor Sheet			Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>		MDP (psf)
		Type	Fasteners <a href="#">(Note 11)</a>	Attach	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
G-11.	Existing gypsum deck	SBS Base, SBS Premium Base, MB Base or APP 160	Two Piece Impact Nail (MCRF $\geq$ 105 lbf)	9-inch o.c. in the min. 2-inch lap and 18-inch o.c. in two, equally spaced center rows	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	(Optional) Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA or BA-LVOC	-45.0*
G-12.	Existing gypsum deck	SBS Base, SBS Premium Base, MB Base or APP 160	Two Piece Impact Nail (MCRF $\geq$ 105 lbf)	9-inch o.c. in the min. 2-inch lap and 18-inch o.c. in two, equally spaced center rows	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	(Optional) Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-45.0*

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

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See [Note 1](#)) or performance of the substrate (See [Note 12](#)). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate <a href="#">(Note 1, Note 12)</a>	Base Insulation Layer		Top Insulation Layer		Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a> <sup>A</sup>
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE EPDM-BA:</b>								
R-1	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	Hot asphalt	(Optional) Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
R-2	Existing asphaltic BUR or mineral surface cap sheet	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
R-3	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	GF-OSIA	(Optional) Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
R-4	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	GF-OSIA	Min. 0.25-inch Dens Deck, or Dens Deck Prime	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
R-5	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	GF-OSIA	Min. 0.5-inch GenFlex HD ISO	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
R-6	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	GF-OSIA	Optional additional layer(s) base insulation followed by 19/32-inch plywood	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-157.5*
R-7	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-OSIA	Min. 0.5-inch GenFlex HD ISO or min. 2-inch GenFlex HD ISO Composite	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-202.5*
R-8	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or min 19/32-inch plywood	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-120.0*
R-9	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-120.0*
R-10	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-ISO-BOND, 6-inch o.c.	Min. 2-inch GenFlex HD ISO Composite	GF-ISO-BOND, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-187.5*
R-11	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-ISO-BOND, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-247.5*

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

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See [Note 1](#)) or performance of the substrate (See [Note 12](#)). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate <a href="#">(Note 1, Note 12)</a>	Base Insulation Layer		Top Insulation Layer		Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a> <sup>A</sup>
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
R-12	Existing asphaltic BUR or mineral surface cap sheet	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Polysat CRA	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-245.0*
R-13	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	Polysat CRA	(Optional) Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Polysat CRA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	EPDM-BA	-262.5*
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC:</b>								
R-14	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	Hot asphalt	(Optional) Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
R-15	Existing asphaltic BUR or mineral surface cap sheet	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
R-16	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	GF-OSIA	(Optional) Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
R-17	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	GF-OSIA	Min. 0.25-inch Dens Deck, or Dens Deck Prime	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
R-18	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	GF-OSIA	Min. 0.5-inch GenFlex HD ISO	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
R-19	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	GF-OSIA	Optional additional layer(s) base insulation followed by 19/32-inch plywood	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-157.5*
R-20	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-OSIA	Min. 0.5-inch GenFlex HD ISO or min. 2-inch GenFlex HD ISO Composite	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-202.5*
R-21	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or min 19/32-inch plywood	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-120.0*
R-22	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-120.0*

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

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See [Note 1](#)) or performance of the substrate (See [Note 12](#)). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate <a href="#">(Note 1, Note 12)</a>	Base Insulation Layer		Top Insulation Layer		Roof Cover <a href="#">(Note 15)</a>		MDP (psf) <sup>A</sup>
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
R-23	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-ISO-BOND, 6-inch o.c.	Min. 2-inch GenFlex HD ISO Composite	GF-ISO-BOND, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-187.5*
R-24	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-ISO-BOND, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-247.5*
R-25	Existing asphaltic BUR or mineral surface cap sheet	Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	None	N/A	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-245.0*
R-26	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	Polysset CRA	(Optional) Min. 0.25-inch Dens Deck or SECUROCK Gypsum-Fiber Roof Board	Polysset CRA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC	-262.5*
<b>MEMBRANE IN GENFLEX EPDM BONDING ADHESIVE LVOC-1168:</b>								
R-27	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	GF-OSIA	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-157.5*
R-28	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	GF-OSIA	Min. 0.5-inch GenFlex HD ISO	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-157.5*
R-29	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	GF-OSIA	Optional additional layer(s) base insulation followed by 19/32-inch plywood	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-157.5*
R-30	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-OSIA	Min. 0.5-inch GenFlex HD ISO or min. 2-inch GenFlex HD ISO Composite	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-202.5*
R-31	Existing asphaltic BUR or mineral surface cap sheet	Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum Fiber Roof Board or min 19/32-inch plywood	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-120.0*
R-32	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-120.0*
R-33	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-ISO-BOND, 6-inch o.c.	Min. 2-inch GenFlex HD ISO Composite	GF-ISO-BOND, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-187.5*

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

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See [Note 1](#)) or performance of the substrate (See [Note 12](#)). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

System No.	Substrate <a href="#">(Note 1, Note 12)</a>	Base Insulation Layer		Top Insulation Layer		Roof Cover <a href="#">(Note 15)</a>		MDP <a href="#">(psf)</a> <sup>A</sup>
		Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach <a href="#">(Notes 6,7,8)</a>	Type	Attach	
R-34	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-ISO-BOND, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	BA-LVOC-1168	-225.0*
<b>MEMBRANE IN WATER BASED BONDING ADHESIVE P:</b>								
R-35	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	GF-OSIA	Min. 0.5-inch GenFlex HD ISO	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-157.5*
R-36	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-OSIA	Min. 0.5-inch GenFlex HD ISO or min. 2-inch GenFlex HD ISO Composite	GF-OSIA	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-202.5*
R-37	Existing asphaltic BUR or mineral surface cap sheet	(Optional) Min. 1.5-inch GenFlex ISO	GF-ISO-BOND	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-120.0*
R-38	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-ISO-BOND, 6-inch o.c.	Min. 2-inch GenFlex HD ISO Composite	GF-ISO-BOND, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-187.5*
R-39	Existing asphaltic BUR	(Optional) Min. 0.5-inch GenFlex ISO or GenFlex Coated Glass Facer	GF-ISO-BOND, 6-inch o.c.	Min. 0.5-inch GenFlex HD ISO	GF-ISO-BOND, 6-inch o.c.	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT, II FRM-FR or FlexWhite	WBBA P	-247.5*

**TABLE 7B: STEEL - RECOVER**
**SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER (BATTENS)**
*Note: 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.*

System No.	Deck <a href="#">(Note 1)</a>	Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP (psf)
		Type	Attach	Membrane	Fasteners <a href="#">(Note 11)</a>	Attachment	
R-40	Existing standing seam or lap seam metal roof covers having min. 3/16-inch to max. ¼-inch thick steel purlins spaced max. 72-inch o.c.	One or more layers, any combination	Prelim. attached	GenFlex AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT or II FRM-FR	GenFast Purlin Fastener (T) with GenFast Coiled Bar Anchor	6-inch o.c. within 6-inch wide laps spaced max. 72-inch o.c. to engage steel purlin.	-45.0
R-41	Existing standing seam or lap seam metal roof covers having min. 3/16-inch to max. ¼-inch thick steel purlins spaced max. 84-inch o.c.	One or more layers, any combination	Prelim. attached	GenFlex II, AFR, AFR PT, AFR EPDM 90-mil, II FRM, II FRM PT or II FRM-FR	GenFast Purlin Fastener (T) with GenFast Coiled Bar Anchor	12-inch o.c. within 6-inch wide laps spaced max. 84-inch o.c. to engage steel purlin.	-45.0

**TABLE 7C: STEEL - RECOVER**
**SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED ROOF COVER (RMA STRIPS)**
*Note: 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.*

System No.	Deck <a href="#">(Note 1)</a>	Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP (psf)
		Type	Attach	Membrane	Fasteners <a href="#">(Note 11)</a>	Attachment	
R-42	Existing standing seam or lap seam metal roof covers having min. 3/16-inch to max. ¼-inch thick steel purlins spaced max. 120-inch o.c.	One or more layers, any combination	Prelim. attached	GenFlex II FRM, II FRM PT or II FRM-FR	GenFast Purlin Fastener (T) with GenFast Polymer Batten Strip	GenFlex Peel & Stick R.M.A. strips are applied over the insulation spaced 120-inch o.c. positioned over each steel purlin location and secured 6-inch o.c. into the purlins. Roof cover adhered to each strip by first priming the membrane underside with GenPrime at the strip location, then rolling into place with a hand roller.	-52.5