# **TDI** Texas Department of Insurance

PO Box 149104 | Austin, TX 78714 | 1-800-578-4677 | tdi.texas.gov

### **Product Evaluation**

#### RC273 | 0923

#### Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: RC-273

## **Effective Date:** September 1, 2023 **Re-evaluation Date:** September 2027

**Product Name:** Elevate EPDM Roofing Systems

Manufacturer: Holcim Solutions and Products US, LLC 26 Century Blvd Suite 205 Nashville, TN 37214 (800) 428-4511

Also manufactured as: GenFlex Roofing System a Division of Elevate Building

#### **General Description:**

- **RubberGard FR**<sup>®</sup> and **RubberGard LS-FR**<sup>®</sup> are nominal 45-mil (1.1 mm) or 60-mil (1.5 mm) thick, non-reinforced Ethylene Propylene Diene Monomer based, single-ply roof membranes.
- **RubberGard Platinum**<sup>®</sup> is a nominal 90-mil (2.2 mm) thick, non-reinforced, Ethylene Propylene Diene Monomer based, single-ply roof membrane.
- **RubberGard MAX**<sup>®</sup> and **RubberGard MAX FR**<sup>®</sup> are a nominal 45-mil (1.1 mm), 60-mil (1.5 mm) or 75-mil (1.9 mm) thick, internally reinforced Ethylene Propylene Diene Monomer based, single-ply roof membrane.
- **RubberGard EcoWhite**<sup>®</sup> is a nominal 60-mil (1.5 mm) thick, non-reinforced, bi-laminate, white-on-black, cured single ply roof membrane.
- **RubberGard LS-FR PT**<sup>®</sup> is a non-reinforced low slope fire retardant EPDM membrane panel with 3" or 6" wide QuickSeam tape factory laminated continuously along one 100' length of the panel.

- **RubberGard EcoWhite PT**<sup>®</sup> is a non-reinforced white EPDM membrane with 3" wide QuickSeam tape factory laminated continuously along lengthwise edge of the panel.
- **RubberGard MAX PT**<sup>®</sup> is a scrim reinforced EPDM membrane panel with 3" or 6" wide QuickSeam tape factory laminated continuously along one 100' length of the panel.
- **RubberGard EPDM SA** is a nominal 60-mil (1.5 mm) thick, non-reinforced Ethylene Propylene Diene Monomer based, single ply self-adhering roof membrane.
- **FullForce EPDM** is a nominal 60-mil (1.5mm) thick, non-reinforced Ethylene Propylene Diene Monomer based, single ply self-adhering roof membrane.
- **ISO 95+ GL** is a polyisocyanurate foam insulation board with a glass reinforced mat facer.
- **ISO 95+ GL Tapered** is a polyisocyanurate foam insulation board with a glass reinforced mat facer (tapered boards).
- **RESISTA** is a polyisocyanurate foam insulation board with a coated fiberglass facer.
- **RESISTA Tapered** is a polyisocyanurate foam insulation board with a coated fiberglass facer (tapered boards).
- **ISOGARD HD** is a high-density polyisocyanurate board with a coated fiberglass facer.
- **ISOGARD HD Composite** is a closed-cell polyisocyanurate foam core laminated to a 1/2" ISOGARD HD board.
- **HailGard** is a closed-cell polyisocyanurate foam core laminated to a glass reinforced mat facer on one side, and 7/16" oriented strand board on the other side.
- **Bonding Adhesive BA-2004 T** is a solvent-based contact adhesive used for all EPDM roof covers and flashing to insulation, wood, metal, masonry and other approved substrates.
- Water Based Bonding Adhesive-P is a contact adhesive used for bonding Elevate EPDM membranes to approved substrates.
- Single-Ply LVOC Bonding Adhesive is a solvent-based contact adhesive used for bonding Elevate EPDM membranes to insulation, wood, metal, masonry and other approved substrates.
   Single-Ply LVOC Bonding Adhesive 1168 is a bonding adhesive used for bonding Elevate EPDM membranes to insulation, wood, metal, masonry and other approved substrates.
- **EPDM Solvent Free Bonding Adhesive** is a polymer-based bonding adhesive for adhering non-reinforced RubberGard EPDM membranes to approved substrates.
- **V-Force SB Primer** is a solvent-based primer to prepare porous substrates to receive V-Force Vapor Barrier Membrane.
- **SA-Solvent Base (SB) Primer** is a synthetic polymer adhesion-enhancing resin use to prime and prepare exterior concrete, metal, wood, plywood and gypsum surfaces to enhance the adhesion of Elevate V-Force Vapor Barrier Membranes, Enverge Air & Vapor Barrier SA Membranes and CLAD-GARD Metal Roof Underlayments.
- **SA-LVOC Primer** is a synthetic polymer and adhesion-enhancing resin use to prime and prepare exterior concrete, metal, wood, plywood and gypsum surfaces to enhance the adhesion of Elevate V-Force Vapor Barrier Membranes, Enverge Air & Vapor Barrier SA Membranes and CLAD-GARD Metal Roof Underlayments.
- **Elevate SA Primer** is a synthetic polymer use to prime substrates prior to the application of BASEGARD SA or MB Base SA.
- **Elevate #12 Fastener** is a #12 fastener for steel or wood decks.
- Elevate All-Purpose Fastener is a #14 fastener for steel or wood decks.
- Elevate Heavy Duty Fastener is a #15 fastener for steel, wood or concrete decks.
- **Elevate Metal Batten Strip** is a metal batten strip for anchoring Elevate membranes and flashing details.

- **Elevate Polymer Batten Strip** is a polymer batten strip for anchoring Elevate membranes and flashing details.
- **Elevate Insulation Fastening Plate** is a 3" galvalume insulation plate used with Elevate #12 Fasteners, All-Purpose Fasteners, Heavy-Duty Fasteners and Concrete Drive fasteners.
- **Elevate Seam Plate** is a 2" metal plate used with Elevate All-Purpose Fasteners, Heavy-Duty Fasteners and Concrete Drive fasteners.
- **Elevate V-Plate** is a 2-1/4" galvalume plate used with Elevate All-Purpose Fasteners, Heavy Duty Fasteners and Concrete Drive fasteners.
- **Pre-Assembled Heavy-Duty Fastener and Insulation Plate** is a SAE 1022 heat treated steel fastener with an AZ-50 galvalume steel plate used in all Elevate roof systems to pre-attach insulation or base sheets to steel and wood decks.
- **Concrete Drive Fastener** is used with Elevate Insulation Plates for the attachment of roofing insulation, and base sheets, or attachment of Elevate Metal Batten Strips, Seam Plates, Termination Bars and other accessories into structural concrete substrates.

#### **GenFlex Product Description:**

- **GenFlex II FR EPDM** and **GenFlex AFR EPDM** are nominal 45-mil (1.1 mm) or 60-mil (1.5 mm) thick, non-reinforced Ethylene Propylene Diene Monomer based, single-ply roof membranes.
- **GenFlex AFR** is a nominal 90-mil (2.2 mm) thick, non-reinforced, Ethylene Propylene Diene Monomer based, single-ply roof membrane.
- **GenFlex II FRM** and **GenFlex II FRM-FR** are a nominal 45-mil (1.1 mm), 60-mil (1.5 mm) or 75-mil (1.9 mm) thick, internally reinforced Ethylene Propylene Diene Monomer based, single-ply roof membrane.
- **GenFlex FlexWhite EPDM** is a nominal 60-mil (1.5 mm) thick, non-reinforced, bi-laminate, white-on-black, cured single ply roof membrane.
- **GenFlex AFR PT** is a is a non-reinforced low slope fire retardant EPDM membrane panel with 3" or 6" wide QuickSeam tape factory laminated continuously along one 100' length of the panel.
- **GenFlex FlexWhite PT** is a non-reinforced white EPDM membrane with 3" wide QuickSeam tape factory laminated continuously along lengthwise edge of the panel.
- **GenFlex II FRM PT** is an internally reinforced EPDM membrane panel with 3" or 6" wide QuickSeam tape factory laminated continuously along one 100' length of the panel.
- **GenFlex ISO Insulation** is a polyisocyanurate foam insulation board with a glass reinforced mat facer.
- **GenFlex ISO Insulation Tapered** is a polyisocyanurate foam insulation board with a glass reinforced mat facer (tapered boards).
- **Coated Glass Facer** is a polyisocyanurate foam insulation board with a coated fiberglass facer.
- **Coated Glass Facer Tapered** is a polyisocyanurate foam insulation board with a coated fiberglass facer (tapered boards).
- **GenFlex HD ISO** is a high-density polyisocyanurate board with a coated fiberglass facer.
- **GenFlex HD Composite ISO** is a closed-cell polyisocyanurate foam core laminated to a 1/2" GenFlex HD ISO board.
- **GenFlex HailGard** is a closed-cell polyisocyanurate foam core laminated to a glass reinforced mat facer on one side and 7/16" oriented strand board on the other side.

- **GenFlex All Purpose Bonding Adhesive** is a solvent-based contact adhesive for bonding Approved GenFlex EPDM membranes and flashing to insulation, wood, metal, masonry and other approved substrates.
- **GenFlex Water Based Bonding Adhesive** is a water-based latex, low VOC contact adhesive for bonding GenFlex EPDM membranes to approved substrates.
- **GenFlex EPDM Bonding Adhesive LVOC** is a solvent-based formulation used for bonding GenFlex EPDM to insulation, wood, metal, masonry, and other approved substrates.
- **EZ TPO Bonding Adhesive LVOC-1168** is a bonding adhesive used for bonding GenFlex EPDM membranes and flashing to insulation, wood, metal, masonry and other approved substrates.
- **GenFlex EPDM Solvent Free Bonding Adhesive** is a polymer-based bonding adhesive for adhering non-reinforced GenFlex EPDM membranes to approved substrates.
- **GenFast #12 Fastener** is a #12 fastener for steel or wood decks.
- GenFast AP Fastener is a #14 fastener for steel or wood decks.
- GenFlex Heavy Duty Fastener is a #15 fastener for steel, wood or concrete decks.
- **GenFast Batten Strip** is a metal batten strip for anchoring GenFlex membranes and flashing details.
- **GenFast 3/4" Polymer Batten Strip** is a polymer batten strip for anchoring GenFlex membranes and flashing details.
- **GenFast 3" Round Insulation Plate** is a 3" galvalume insulation plate used with GenFast #12 Fasteners, GenFast AP Fasteners, GenFlex Heavy-Duty Fasteners and GenFast Concrete Drive fasteners.
- **GenFast 2" Metal Seam Plate** is a 2" metal plate used with GenFast AP Fasteners, GenFlex Heavy-Duty Fasteners and GenFast Concrete Drive fasteners.
- **GenFast Venting Seam Plate** is a 2-1/4" galvalume plate used with GenFast AP Fasteners, GenFlex Heavy-Duty Fasteners and Concrete Drive fasteners.
- **GenFast Concrete Drive Fastener** is used with Elevate Insulation Plates for the attachment of roofing insulation, and base sheets, or attachment of Elevate Metal Batten Strips, Seam Plates, Termination Bars and other accessories into structural concrete substrates.

#### **Other Manufactures Product Description:**

- **SECUROCK Gypsum Fiber Roof Board** is a high-performance roof board for use in low-slope roofing systems.
- **DensDeck** and **DensDeck Prime** are a fiberglass mat-faced, noncombustible, nonstructural, gypsum core panel.
- **AP AccuTrac Kits** are used in roofing applications for the attachment of insulation to steel and wood roof decks with OMG AccuTrac installation equipment.
- **IsoFast #12 Belted Fastener** is a low carbon steel, AZ 50 galvalume plate used for the attachment of insulation to steel and wood.
- **IsoFast #15 Belted Fastener** is a low carbon steel, AZ 50 galvalume plate used for the attachment of insulation and membrane to steel and wood.
- **IF-L-70x70 Insulation Plate** is a 2-3/4" square stacked insulation and membrane plate used with #12 Belted Fasteners and #15 Belted Fasteners.

#### Limitations and Installation:

**Roof Framing:** The maximum allowable spacing of the roof framing must be as specified in this evaluation report.

**Roof Deck:** For new applications, the roof deck must be secured to the roof framing to resist the required uplift loads.

**Positive Drainage of Roof Deck:** Roof decks, in which this product is to be installed upon, must be provided with positive drainage. A minimum roof slope after construction of 1/4" inch per foot is recommended.

**Design Wind Pressures:** The design wind uplift pressures must be specified in the assemblies listed in this evaluation report.

#### Installation over an Existing Roof Covering (Roof Recover):

**Acceptable Applications:** The EPDM roofing system may be installed over an existing TPO, EPDM, SBS Modified Bitumen or Built-Up-Roof covering based on the requirements set forth in this product evaluation report.

**Inspection of Roof Covering Recover Installation:** Inspection of the roof covering recover installation must be by a TDI appointed engineer. The TDI appointed engineer must determine if the roof framing can support the combined weight of the existing roof covering and the roof covering recover.

**Roof Covering Replacement versus Roof Covering Recover:** All existing roof coverings must be completely removed and a new roof covering installed if any of the following conditions occur:

- The existing roof or roof covering is water soaked or has deteriorated to the point that the existing roof or roof covering is not adequate as a base for the additional roof covering.
- The existing roof has two or more applications of any type of roof covering.

**Positive Drainage:** The roof covering recover application must not be required to meet the minimum roof slope of 1/4" per foot if positive drainage is provided.

**Roof Framing:** The maximum allowable spacing of the roof framing must be as specified in this evaluation report.

**Roof Deck:** The existing roof deck must be as specified in each assembly listed in this evaluation report. The underside of the roof deck must be examined by the TDI appointed engineer for corrosion or deterioration. If corrosion exists, then it must be treated with a rust inhibitor. A fastener withdrawal resistance test must be conducted in the corroded or deteriorated area to determine if the withdrawal resistance of the fastener complies with the minimum fastener requirements for the roof covering recover application. If the tested fastener fails to comply, then the deteriorated roof deck must be replaced.

**Fastener Withdrawal Resistance:** The fastener withdrawal resistance must be conducted in accordance with ANSI/SPRI FX-1-2006 and this evaluation report.

Fasteners used for the installation of the roof covering recover to the existing roof deck must be as specified in the Installation Instructions section of this evaluation report. For the withdrawal test, the fasteners must be installed in the existing roof deck as required for the roof covering recover installation. A TDI appointed engineer must review the data to verify the integrity of the existing roof deck and to compare results of the withdrawal tests with the minimum fastener requirements for the roof covering recover application.

The TDI appointed engineer must document all test results, including the locations on the roof surface where the tests are performed. A minimum of ten withdrawal resistance tests are required for a roof area up to 50,000 square feet (a minimum of 50 percent of the tests must be conducted at the perimeter and the corners). Five additional tests are required for each additional 5,000 square feet of roof area or portion thereof (a minimum of 50 percent of the tests must be conducted at the perimeter and the corners). The tests must be located evenly spread across the surface of the roof. At least one withdrawal test must be performed on each roof level if the roof consists of multiple levels.

The withdrawal resistance of each tested fastener must comply with the minimum fastener requirements for the roof covering recover application. If a tested fastener fails to comply, then the TDI appointed engineer must examine that area for deterioration of the roof deck by removing the existing roof covering in that area. If that area of the roof deck has deteriorated, then the deteriorated roof deck must be replaced.

**Existing Roof Covering Preparation:** The existing roof covering must be prepared to receive the roof covering recover as specified in the Elevate installation instructions.

The existing roof covering surface must be dry and free of dirt and debris. If the existing roof covering is gravel surfaced, then the loose gravel must be completely removed. The surface of the existing roof covering must be relatively smooth.

If the existing roof covering has blisters, buckles, ridges, folds, or other deformations, then they must be removed and the surface patched to provide a smooth surface.

If the existing roof covering has loose fasteners, then the existing membrane must be cut open, the loose fasteners removed, and the surface patched to provide a smooth surface.

**Roof Covering Recover Installation:** Installation of the roof covering recover must be specified in the Installation Instructions section of this evaluation report.

#### **General installation Requirements:**

All International Residential Code (IRC) and the International Building Code (IBC) requirements must be satisfied, and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.

**Membrane Attachment:** The membrane must be mechanically attached or fully adhered using the fasteners, plates and adhesives specified in this evaluation report.

Seam Lap: All lap seams must be sealed with Elevate adhesives or tape per Elevate specification.

**Fasteners:** Fasteners must be of sufficient length to have a minimum of 3/4" penetration through the top flute of the steel deck, or a minimum of 1" plywood penetration or wood plank embedment.

Installation: In	stallation mu	ist be in ac	cordance with	the following	assemblies:

APPEND	іх 1: Аттасни	MENT REQUIREMENTS FOR W	IND UPLIFT RESISTANCE		
Table	Deck	Assembly No.	Application	Description	Page
1-A	Wood	W-1 through W-20	New, Reroof (Tear-Off) or Recover	Optional Base Insulation, Mechanically Attached Top Insulation, Bonded Roof Cover	9-18
1-B	Wood	W-21 through W-32	New or Reroof (Tear-Off)	Mechanically Attached Insulation, Bonded Roof Cover	19-24
1-C	Wood	W-33 through W-36	New or Reroof (Tear-Off)	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	25-26
2-A	Steel	S-1 through S-12	New or Reroof (Tear-Off)	Mechanically Attached Insulation, Bonded Roof Cover	27-32
2-B	Steel	S-13 through S-16	New or Reroof (Tear-Off)	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	33-34
2-C	Steel or Concrete	SC-1 through SC-36	New, Reroof (Tear-Off) or Recover	Mechanically Attached Insulation, Bonded Roof Cover	35-52
2-D	Steel or Concrete	SC-37 through SC-72	New, Reroof (Tear-Off) or Recover	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	53-70
3-A	Steel or Concrete	SC-73 and SC-82	New or Reroof (Tear-Off)	Preliminarily Attached Insulation, Mechanically Attached Roof Cover	71-73
3-B	Steel or Concrete	SC-83 through SC-94	New, Reroof (Tear-Off) or Recover	Preliminarily Attached Insulation, Mechanically Attached Roof Cover	73-76
4	Concrete	C-1 through C-50	New or Reroof (Tear-Off)	Bonded Insulation, Bonded Roof Cover	76-98

						NSTRUCTION, REROOF ( TACHED TOP INSULATI	(Tear-Off) or RECOVER ON, BONDED ROOF COVER	
Assembly	C. hat at a	Base Insulation	on Layer (s)	Top Insulation	n Layer (s)		Roof Cover	
No.	Substrate	Туре	Attach	Type Attach		Membrane	Attach	
1 (W-1)	Nominal 15/32" plywood			Min. 1" ISOGARD HD	Elevate All- Purpose Fasteners and Elevate Insulation	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.	
	over roof framing	ver roof raming pace a naximum f 24"	ne or more		Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered	
2 (W-2)	space a maximum of 24" o.c.			Min. 1" GenFlex HD ISO	GenFast AP Fasteners and GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.	
Docian Dra	acture (nof)				Insula	tion Attachment		
Design Pre	essure (psf)	Density (ft <sup>2</sup>	/ fastener)	Parts per 4 x	4' board	Parts per 4 x 8' board		
0 < P <u>&lt;</u> -45.0 2.0 8		8			16			

	TABLE 1-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER										
Assembly	Calestante	Base Insulation	on Layer (s)	Top Ins	sulation Layer (s)		Roof Cover				
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach				
3 (W-3)	Nominal 15/32"	layers, any combination			Elevate Heavy-Duty Fasteners with Elevate Insulation Fastening Plates	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T applied at a rate of 45- 60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.				
	plywood over roof framing		Loose laid	Min. 0.25" DensDeck		RubberGard EPDM SA or FullForce EPDM	Self-adhered				
4 (W-4)	framing space a maximum of 24" o.c.				GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.				
Desire D					In	nsulation Attachment					
Design P	ressure (psf)	Density (ft <sup>2</sup> /fa	astener)	Parts	per 4 x 4' board	Parts per 4 x 8' board					
0 < P	9 <u>&lt;</u> -45.0	1.3	3		12		24				

	TABLE 1-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER											
Assembly	C. hat sate	Base Insulati	on Layer (s)	Top Ins	ulation Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach					
5 (W-5)	Nominal 19/32"			Min. 0.5" DensDeck, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Elevate All- Purpose Fasteners with Elevate	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.					
	plywood over roof framing	roof One or more	more any ation		Insulation Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered					
6 (W-6)	space a maximum of 24" o.c.	combination			GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.					
					In	nsulation Attachment						
Design Pre	essure (psf)	Density (ft <sup>2</sup>	/ fastener)	Parts p	er 4 x 4' board	Parts per 4 x 8' board						
0 < P	<u>&lt;</u> -45.0	1.	1.6 10 20				20					

	TABLE 1-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER										
Assembly	Substrate	Base Insulati	ion Layer (s)	Top Insu	llation Layer (s)	Roof Cover					
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach				
7 (W-7)	Nominal 15/32"	(Optional) Min. 1" RESISTA or ISO 95+ GL	Loose Laid	Min. 0.25"	Elevate All- Purpose Fasteners with Elevate Insulation	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.				
	plywood over roof framing			SECUROCK Fast Gypsum- Fiber Roof	Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered				
8 (W-8)	space a maximum of 24" o.c.	(Optional) Min. 1" Coated Glass Facer or GenFlex ISO Insulation	Loose Laid	Board	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.				
Design P	Design Pressure (psf)					Insulation Attachment					
	lessule (psi)	Dens	ity (ft² / faste	ener)	Parts per 4	x 4' board	Parts per 4 x 8' board				
0 < P	9 <u>&lt;</u> -45.0		1.6		10	0	20				

#### TABLE 1-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Top Insulation Layer (s) Roof Cover** Assembly Substrate No. Membrane Attach Attach Attach Type Type Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Elevate All-RubberGard Adhesive 1168 applied at a rate of 45-60 FR<sup>®</sup>, LS-FR<sup>®</sup>, Purpose ft<sup>2</sup>/gal or Water Based Bonding Adhesive-P Fasteners MAX<sup>®</sup>, MAX FR<sup>®</sup> (Optional) Min. applied at a rate of 100-120 ft<sup>2</sup>/gal or EPDM 9 or EcoWhite® 1" RESISTA or Nominal Loose Laid with Elevate Solvent Free Bonding Adhesive applied at a Min. 0.25" (W-9) 19/32" ISO 95+ GL Insulation rate of 150 ft<sup>2</sup>/gal. DensDeck plywood Fastening Prime or RubberGard Plates over roof SECUROCK EPDM SA or Self-adhered framing FullForce EPDM Gypsum-Fiber space a Roof Board GenFlex All Purpose Bonding Adhesive, maximum GenFast AP GenFlex II FR GenFlex EPDM Bonding Adhesive LVOC or EZ of 24" o.c. (Optional) Min. Fasteners EPDM, AFR TPO Bonding Adhesive LVOC 1168 applied at a 10 1" Coated Glass with GenFast Loose Laid EPDM, II FRM, rate of 45-60 ft<sup>2</sup>/gal or GenFlex Water Based (W-10) Facer or GenFlex 3" Round Bonding Adhesive applied at a rate of 100-120 FRM-FR or ISO Insulation Insulation FlexWhite EPDM ft<sup>2</sup>/gal or GenFlex EPDM Solvent Free Bonding Plates Adhesive applied at a rate of 150 ft<sup>2</sup>/gal. **Insulation Attachment Design Pressure (psf)** Density (ft<sup>2</sup> / fastener) Parts per 4 x 4' board Parts per 4 x 8' board

8

2.13

#### Limitation and Installation (Cont):

0 < P <u><</u> -45.0

15

	TABLE 1-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER											
Assembly	Substrate	Base Insulation L	ayer (s)	Top Insula	ntion Layer (s)	Roof Cover						
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach					
11 (W-11)	Nominal 7/16" OSB	(Optional) Min. 1" RESISTA or ISO 95+ GL	Loose Laid	Min. 0.25" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.					
	over roof framing space a maximum					RubberGard EPDM SA or FullForce EPDM	Self-adhered					
12 (W-12)	of 24" o.c.	(Optional) Min. 1" Coated Glass Facer or GenFlex ISO Insulation	Loose Laid		GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100- 120 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.					
Deciar D	Processo (met		·	· I	nsulation Attachmen	t	· · · · · · · · · · · · · · · · · · ·					
Design P	ressure (psf)	Densit	y (ft² / faste	ner)	Parts per 4 x	4' board	Parts per 4 x 8' board					
0 <	P <u>&lt;</u> -45.0		2.67		6		12					

	TABLE 1-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off)         WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER											
Assembly No.	Substrate	Base Insulation Layer (s)		Top In	sulation Layer (s)	Roof Cover						
NO.		Туре	Attach	Туре	Attach	Membrane	Attach					
13 (W-13)	Nominal	or ISO	Min. 0.5" RESISTA		Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.					
	15/32" plywood over roof	95+ GL		Min. 0.25″ DensDeck	rastening rates	RubberGard EPDM SA or FullForce EPDM	Self-adhered					
14 (W-14)	framing space a maximum of 24" o.c.	(Optional) Min. 0.5" Coated Glass Facer or GenFlex ISO Insulation	Loose Laid	Prime	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.					
Design Pre	Design Pressure (psf)				Ins	sulation Attachment						
Design Fre	(psi)	Densit	y (ft² / fa	stener)	Parts per	<sup>-</sup> 4 x 4' board	Parts per 4 x 8' board					
0 < P <u>-</u>	<u>&lt;</u> -45.0		1.78			9	18					

	TABLE 1-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off)         WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER										
Assembly No.	Substrate	Base Insu Layer		Top Insulation Layer (s)		Roof Cover					
NO.	Туре	Attach	Туре	Attach	Membrane	Attach					
15 (W-15)	Nominal	(Optional) Min. 1" RESISTA or ISO	Loose Laid	Min. 0.25"	Elevate All- Purpose Fasteners with Elevate	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.				
	19/32" Or IS	95+ GL	DensDeck Prime or		Insulation Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered				
16 (W-16)	framing space a maximum of 24" o.c. Glass Facer or GenFlex ISO	Coated Glass Facer or GenFlex	Loose Laid	Gypsum- Fiber Roof Board	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.				
Design Pre	essure (psf)				1	Insulation Atta	achment				
Design Fre	(psi)	Densit	ty (ft² / fa	stener)	Parts pe	er 4 x 4' board	Parts per 4 x 8' board				
0 < P <u>-</u>	<u>&lt;</u> -45.0		2.13			8	15				

	TABLE 1-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER										
Assembly	Culturate	Base Insulation I	.ayer (s)	Top In	nsulati	ion Layer (s)		Roof Cover			
No.	Substrate	Туре	Attach	Туре		Attach	Membrane	Attach			
17 (W-17)	Nominal 15/32"	(Optional) Min. 1" RESISTA or ISO 95+ GL		Min. 0.25"	Elevate All- Purpose Fasteners with Elevate Insulation		RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.			
	plywood over roof framing space a maximum	130 33 1 62		SECUROCK Gypsum-Fiber		Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered			
18 (W-18)	of 24" o.c.			- Roof Board		GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45- 60 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.			
Decian	Design Pressure (psf)					Insulation Attac	chment				
Design	Pressure (pst)	Density (ft <sup>2</sup>	/ fastene	er) P	Parts per 4 x 4' board		Parts per 4 x 8' board				
0 <	< P <u>&lt;</u> -52.5	2.	13			8		15			

	TABLE 1-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) WOOD DECK, OPTIONAL BASE INSULATION, MECHANICALLY ATTACHED TOP INSULATION, BONDED ROOF COVER										
Assembly	Calestanta	Base Insulation L	ayer (s)	Top Insul	ation Layer (s)		I	Roof Cover			
No.	Substrate	Туре	Attach	Туре	Attach	Mem	brane	Attach			
19 (W-19)	No	(Optional) Min. 1" RESISTA or ISO			Elevate All- Purpose Fasteners with Elevate	RubberGa LS-FR <sup>®</sup> , M MAX FR <sup>®</sup> EcoWhite	IAX <sup>®</sup> , or	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.			
	plywood over roof framing space a	95+ GL		Min. 0.5" SECUROCK Gypsum-Fiber	Insulation Fastening Plates	RubberGa SA or Full EPDM		Self-adhered			
20 (W-20)	maximum of 24" o.c.	(Optional) Min. 1" Coated Glass Facer or GenFlex ISO Insulation	Loose Laid	Roof Board	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II AFR EPDN FRM-FR o FlexWhite	r	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.			
Docian	Brossuro (nof)				Insulation Attachn	nent					
Design	Pressure (psf)	Density (ft <sup>2</sup>	/ fastene	r)	Parts per 4 x 4' board		Parts per 4 x 8' board				
0	< P <u>&lt;</u> -67.5	1.7	78		9			18			

	TABLE 1-B: ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
Assessed No.	C. hat a ta		Insulation Layer (s)	Roof Cov	ver						
Assembly No.	Substrate	Туре	Attach	Membrane	Attach						
21 (W-21)	Nominal 15/32"	Elevate #12 Fasteners or Eleva Min. 2" ISO All-Purpose Fasteners with 95+ GL Elevate Insulation Fastening		RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.						
	plywood over roof framing space a		Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered						
22 (W-22)	maximum of 24" o.c.	Min. 2" GenFlex ISO Insulation	GenFast #12 Fasteners or GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.						
Design Pressure			Insulation	Attachment							
(psf)	Density (ft <sup>2</sup> / 1	fastener)	Parts per	Parts per 4 x 8' board							
0 < P <u>&lt;</u> -45.0	1.78		9 18								

	TABLE 1-B (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off)         WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	Substrate	Insulat	tion Layer (	(s)	Roof Cover							
No.	Substrate	Туре	Att	ach	Membrane	Attach						
23 (W-23)	Nominal 15/32" plywood over roof	Min. 1.5" RESISTA Elevate All- Purpose Fasteners with Elevate Insulation Fastening Plates		RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup> RubberGard EPDM SA or FullForce	Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.							
	framing space a maximum of 24" o.c.				EPDM							
24 (W-24)		Min. 1.5" Coated Glass Facer	GenFast AP Fasteners with GenFast 3" Round Insulation Plates		GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.						
Docia	Design Pressure (psf)				Insulation	Attachment						
Desig			Density (ft <sup>2</sup> / fastener)		s per 4 x 4' board	Parts per 4 x 8' board						
0	0 < P <u>&lt;</u> -60.0				9	18						

	TABLE 1-B (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	Substrate	Insulat	ion Layer (	5)	Roof Cover							
No.	Substrate	Туре	Att	ach	Membrane	Attach						
25 (W-25)	Nominal 15/32"	Min. 1.5" ISOGARD HD Composite	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates GenFast AP Fasteners with GenFast 3" Round Insulation Plates		RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.						
	plywood over roof framing space a				RubberGard EPDM SA or FullForce EPDM	Self-adhered						
26 (W-26)	maximum of 24" o.c.	Min. 1.5" GenFlex HD ISO			GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100- 120 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.						
Decig	Design Pressure (psf)				Insulation Atta	achment						
Desig			fastener)	Part	s per 4 x 4' board	Parts per 4 x 8' board						
0	0 < P <u>&lt;</u> -45.0			6		12						

		TABLE 1-B			GENFLEX EPDM – NEW ATTACHED INSULATIO				
Assembly	C. hat with	Insul	ation Layer (s)		Roof Cover				
No.	Substrate	Туре	Attach		Membrane		Attach		
27 (W-27)	Nominal 19/32" plywood	Min. 2" Elevate All-Purpose ISOGARD Fasteners with HD Elevate Insulation			d FR <sup>®</sup> , LS-FR <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or	Single-Ply LVO ft <sup>2</sup> /gal or Wate	sive BA-2004 T, Single-Ply LVOC Bonding Adhesive or C Bonding Adhesive 1168 applied at a rate of 45-60 r Based Bonding Adhesive-P applied at a rate of 100- PDM Solvent Free Bonding Adhesive applied at a rate		
	over roof framing	Composite	Fastening Plates	RubberGar EPDM	RubberGard EPDM SA or FullForce EPDM				
28 (W-28)	space a maximum of 24" o.c.	Min. 2" GenFast AP Fasteners with GenFast 3" Round Insulation Plates			GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM		rpose Bonding Adhesive, GenFlex EPDM Bonding C or EZ TPO Bonding Adhesive LVOC 1168 applied at a t <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive te of 100-120 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free sive applied at a rate of 150 ft <sup>2</sup> /gal.		
Decige D	Design Pressure (psf)				Insulation At	tachment			
			Density (ft² / fastener)		Parts per 4 x 4' board		Parts per 4 x 8' board		
0 < P	0 < P <u>&lt;</u> -45.0		1.33		12		24		

	TABLE 1-B (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	Substrate	Thermal Barrier		Base Insulation Layer (s)		Тор	Insulation Layer (s)	Roof Cover				
No.		Туре	Attach	Туре	Attach	Туре	Attach	Membrane	Attach			
29 (W-29)	Nominal 19/32" plywood over	Min. 0.25″		Min. 1.5" ISO 95+		Min. 0.5" ISOGARD	Elevate All-Purpose Fasteners with Elevate	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal.			
	roof framing space a	DensDeck or DensDeck	Loose laid		Loose laid	HD	Insulation Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered			
30 (W-30)	maximum of 24" o.c.	Prime		Min. 1.5" GenFlex ISO Insulation		Min. 0.5" GenFlex ISO Insulation	GenFast AP with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.			
D i						L 	Insulation Attachment					
Design	Design Pressure (psf)		Density (	(ft <sup>2</sup> / fastener	·)	F	Parts per 4 x 4' board	Parts per 4 x 8' board				
0 <	< P <u>&lt;</u> -45.0	1.78					9	18				

		TABLE 1					EX EPDM – NEW CONS HED INSULATION, BOI			OF (Tear-Off)	
Assembly No.	Substrat	Thermal Barrier		Base Insulation Layer (s)		Top In:	Top Insulation Layer (s)		Roof Cover		
	e	Туре	Attach	Туре	Attach	Туре	Attach	Mem	brane	Attach	
31 (W-31)				Min. 1.5" ISO 95+	ISC HD	Min. 1" ISOGARD HD	Elevate All-Purpose Fasteners with Elevate Insulation	RubberG LS-FR <sup>®</sup> , Platinum MAX <sup>®</sup> , M or EcoW	®, 1AX FR®	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal.	
	plywood over roof framing	Min. 0.25" DensDeck or DensDeck	Loose laid	GL		Composite	ite Fastening Plates	RubberG EPDM SA FullForce	A or	Self-adhered	
32 (W-32)	space a maximu m of 24" o.c.	Prime		Min. 1.5" GenFlex ISO Insulation		Min. 1" GenFlex HD Composite ISO	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex EPDM, A EPDM, A FRM, II F or FlexW EPDM	FR FR, II RM-FR	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal.	
					1	1	Insulation Attachme	ent			
Design Pre	Design Pressure (psf)		Density	(ft <sup>2</sup> / fastene	r)		Parts per 4 x 4' board		Parts per 4 x 8' board		
0 < P <u>-</u>	<u>&lt;</u> -45.0			4.0			4			8	

							NSTRUCTION or DED TOP INSULAT		F (Tear-Off) ONDED ROOF COVE	R			
Assembly	Substrate	Thermal	Barrier	Base Insulat	tion Layer (s)	Top Insulation Layer (s)		;)	Ro	of Cover			
No.	Substrate	Туре	Attach	Туре	Attach	Туре	Attach		Membrane	Attach			
33 (W-33)							Min. 1.5" ISO 95+ GL	Elevate All- Purpose Fasteners with Elevate Insulation	All- e ers with Min. 0.5" ion HD Pack Adhesiv applied in ½ wide ribbons 12" o.c. or Elevate I.S.O. Adhesive or		′₄″ aced ck	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45- 60ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100- 120 ft <sup>2</sup> /gal.
19/32" plywood over roo	Nominal 19/32" plywood over roof framing	or	Loose laid		Fastening Plates		I.S.O. FIX II Adhe applied in <sup>3</sup> /4"-1" ribbons spaced o.c.	esive ″ wide	RubberGard EPDM SA or FullForce EPDM	Self-adhered			
34 (W-34)	space a maximum of 24" o.c.	DensDeck Prime		Min. 1.5" GenFlex ISO Insulation	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	Min. 0.5" GenFlex HD ISO	OlyBond 500 ap in 1/2"-3/4" wide ribbons spaced o.c. or GenFlex One Ste Insulation Adhes GenFlex I.S.O. FI Adhesive applied 3/4"-1" wide ribbo spaced 12" o.c.	ep sive or X II d in	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100- 120 ft <sup>2</sup> /gal.			
Decign D-	occure (nof)		1	ıI	I	Insulation	Attachment	I					
Design Pro	essure (psf)	De	nsity (ft² /	fastener)	Pa	arts per 4 x 4	' board		Parts per 4	x 8' board			
0 < P	<u>&lt;</u> -45.0		1.0			16			32				

			-	-			ISTRUCTION or REROOF (Te INSULATION, BONDED RO	-	
Assembly	Substrate	Therma	l Barrier	Base I	Base Insulation Layer (s)		Insulation Layer (s)	Ro	oof Cover
No.	Substrate	Туре	Attach	Туре	Attach	Туре	Attach	Membrane	Attach
35 (W-35)	Nominal 19/32"	Min. 0.5″	Elevate All- Purpose Fasteners with Elevate Insulation Fastening Plates	First Layer: Min. 1.5" ISO 95+ GL Second Layer (Optional): Min. 1.5" ISO 95+ GL	Elevate I.S.O. Twin Pack Adhesive applied in ½"- ¾" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in ¾"-1" wide ribbons spaced 12" o.c.		Elevate I.S.O. Twin Pack Adhesive applied in <sup>1</sup> / <sub>2</sub> "- <sup>3</sup> / <sub>4</sub> " wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in <sup>3</sup> / <sub>4</sub> "-1" wide ribbons spaced 12" o.c.	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup> RubberGard EPDM SA or	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive- P applied at a rate of 100-120 ft <sup>2</sup> /gal.
	plywood over roof	er roof				Min. 0.25" DensDeck		FullForce EPDM	Self-adhered
36 (W-36)	framing space a maximum of 24" o.c.	DensDeck Prime	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	First Layer: Min. 1.5" GenFlex ISO Insulation Second Layer (Optional): Min. 1.5" GenFlex ISO Insulation	OlyBond 500 applied in <sup>1</sup> / <sub>2</sub> "- <sup>3</sup> / <sub>4</sub> " wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in <sup>3</sup> / <sub>4</sub> "- 1" wide ribbons spaced 12" o.c.	Prime	OlyBond 500 applied in <sup>1</sup> / <sub>2</sub> "- <sup>3</sup> / <sub>4</sub> " wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in <sup>3</sup> / <sub>4</sub> "-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal.
Design Pre	essure (psf)		•	•		ation Attach	ment		
-		Den	sity (ft <sup>2</sup> / fast	tener)	Parts per 4 x 4' b	oard	Parts	oer 4 x 8' board	1
0 < P	<u>&lt;</u> -45.0	5.0 2.0 8 16							

	TABLE 2-A: ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
Assembly	Cultativata	Base Insulation Layer (s		Top Ins		Roof Cover					
No.	Substrate	Type Attach		Туре	Attach	Membrane		Attach			
37 (S-1)	Min. 22 ga., Type	(Optional) One or more		Min. 1.5" ISO 95+ GL	Elevate #12 Fasteners with Elevate Insulation Fastening Plates		d FR®, LS-FR®, MAX®, MAX White <sup>®</sup>	Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal.			
38 (S-2)	B, Grade 33 steel max 6' spans	layers, any combination	Loose laid	Min. 1.5" GenFlex ISO Insulation	GenFast #12 Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM		GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal.			
Insulation Attachment											
Design Pre	essure (psf)	Density (ft <sup>2</sup> / fastener)			Parts per 4 x 4' board		Parts per 4 x 8' board				
0 < P	0 < P <u>&lt;</u> -45.0 2.67				6	12					

	TABLE 2-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER												
Assembly	C. had as to	Base Insulation Layer (s)		Top Insulation Layer (s)		Roof Cover							
No.	Substrate	Type Attach		Туре	Attach	Membrane	Attach						
39	Min. 22	pe (Optional) le One or more		Min. 1.5" IS0 95+	Elevate #12 Fasteners with Elevate Insulation	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T applied at a rate of 45- 60 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.						
(S-3)	ga., Type B, Grade			GL	Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered						
40 (S-4)	spans GenFlex with GenFast 3" Round		GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM- FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.									
Design Pre	essure (psf)				I	Insulation Attachment							
Design Pre	essure (psi)	De	nsity (ft² /	fastener)	Parts	per 4 x 4' board	Parts per 4 x 8' board						
0 < P	<u>&lt;</u> -60.0		1.78			9	18						

	TABLE 2-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
Assembly	C. hat sets	Base Insulatio	on Layer (s)	Тор	Insulation Layer (s)		R	oof Cover			
No.	Substrate	Type Attach		Туре	Attach	Membrane		Attach			
41 (S-5)	Min. 22 ga., Type B, Grade	(Optional) One or more		Min. 2" IS0 95+ GL	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates		d FR <sup>®</sup> , LS-FR <sup>®</sup> , MAX <sup>®</sup> , MAX White <sup>®</sup>	Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal.			
42 (S-6)	42 33 steel max 6'			Min. 2" GenFlex ISO Insulation	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM- FR or FlexWhite EPDM		GenFlex Water Based Bonding Adhesive applied at a rate of 100- 120 ft <sup>2</sup> /gal.			
		Insulation Attachment									
Design Pres	ssure (psf)	Densi	ty (ft² / faste	ner)	Parts per 4 x 4' boar	d	F	Parts per 4 x 8' board			
0 < P <u>&lt;</u>	<u>-</u> -45.0	4.0			4		8				

	TABLE 2-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) STEEL DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	C. hat sets	Base Insula	ation Layer (s)	Top Insulat	ion Layer (s)	Roof Cover						
No.	Substrate	Туре	Attach	Туре	Attach	Memb	rane	Attach				
43 (S-7)	Min. 1.5" Min. 22 ISO 95+			Min. 0.5" ISOGARD HD (Not to exceed max. 1"	Elevate All- Purpose Fasteners with Elevate	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>		Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal				
	ga., Type B, Grade 33 steel	GL	Loose laid	in recover applications)	Insulation Fastening Plates	RubberGard EPDM SA or FullForce EPDM		Self-adhered				
44 (S-8)	max 6' spans	Min. 1.5" GenFlex ISO Insulation		Min. 0.5" GenFlex HD ISO (Not to exceed max. 1" in recover applications) GenFast AP Fasteners with GenFast 3" Round Insulation Plates		GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM		GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.				
Design Dra	Design Pressure (psf)		·		Insulati	ion Attachment						
Design Pre			ensity (ft <sup>2</sup> / fas	stener)	Parts per 4 x 4' board		Parts per 4 x 8' board					
0 < P	0 < P <u>&lt;</u> -45.0		2.7		6		12					

	TABLE 2-A (Continued) ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	Substrate	Base Insulation Layer (s)		Top Insulation L	Roof Cover							
No.		Туре	Attach	Туре	Attach	Mem	brane	Attach				
45 (S-9)	Min. 22 ga., Type B, Grade	Min. 1"	Min. 1" ISO 95+	Loose	HailGard, RESISTA, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or OSB (APA rated)	Elevate Heavy Duty Fasteners with Elevate Insulation Fastening Plates	RubberGard FR FR PT <sup>®</sup> , Platinu MAX FR <sup>®</sup> , MAX EcoWhite <sup>®</sup>	m®, MAX®,	EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.			
46 (S-10)	80 steel max 6' spans	GL	laid	GenFlex HailGard, Coated Glass Facer, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or OSB (APA rated)	GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	n GenFast 3" FRM-FR II FRM		GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.				
Desire De					Insulation Attachment	tachment						
Design Pre	Design Pressure (psf)		De	nsity (ft² / fastener)	Parts per 4 x 4' b	oard	Parts per 4 x 8' board					
0 < P	<u>&lt;</u> -60.0			1.0	16		32					

TABLE 2-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
Assembly	Substrate	Base Insulation Layer (s)		Top Insulation Layer (s)		Roof Cover				
No.		Туре	Attach	Туре	Attach		Membrane	Attach		
47 (S-11)	Min. 22 ga., Type B, Grade	Min. 1"	Loose	ISO 95+ GL, ISOGARD HD or ISOGARD HD Composite	Elevate Heavy Duty Fasteners with Elevate Insulation Fastening Plates	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite		EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.		
48 (S-12)	80 steel max 6' spans	ISO 95+ GL	laid	GenFlex ISO Insulation, GenFlex HD ISO or GenFlex HD Composite ISO	GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM		GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.		
	Design Pressure (psf)			•	Insulation Attach	iment				
Design Pro			Densit	y (ft <sup>2</sup> / fastener)	Parts per 4 x 4' board		Parts per 4 x 8' board			
0 < P	0 < P <u>&lt;</u> -45.0			1.0	16		32			

	TABLE 2-B: ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION or REROOF (Tear-Off) STEEL DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER										
Assembly	C. hat with	Base Insul	ation Layer (s)	Top Insulation Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach				
49	Min. 22 ga., Type B, Grade 33	Min. 2" ISO 95+ GL	Elevate All- Purpose Fasteners with Elevate Insulation Fastening Plates	Min. 0.5" ISO 95+ GL or RESISTA	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.				
(S-13)				followed by ISOGARD HD		RubberGard EPDM SA or FullForce EPDM	Self-adhered				
50 (S-14)	steel max 6' spans	Min. 2" GenFlex ISO Insulation	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	Min. 0.5" GenFlex ISO Insulation or Coated Glass Facer followed by GenFlex HD ISO	OlyBond 500 applied in ½"-¾" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in ¾"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, II FRM, FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.				
Design Pr	Design Pressure (psf)				Insulation Attachment						
		Density (ft <sup>2</sup> / fastener)			Parts per 4 x 4'	board	Parts per 4 x 8' board				
0 < P	0 < P <u>&lt;</u> -67.5		1.78		9		18				

TABLE 2-B (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION or REROOF (Tear-Off) STEEL DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER										
Assembly	Substrate	Base Ins	ulation Layer (s)	Top Ins	ulation Layer (s)	Roof Cover				
No.		Туре	Attach	Туре	Attach	M	embrane	Attach		
51 (S-15)	Min. 22 ga., Type B, Grade 33 max 6'	Min. 1.5" ISO 95+ GL	+ GL Elevate Insulation		Elevate I.S.O. Twin Pack Adhesive applied in ½"-¾" wide ribbons spaced	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>		Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal		
			Fastening Plates		12″ o.c.		ard EPDM SA prce EPDM	Self-adhered		
52 (S-16)	spans	Min. 1.5" GenFlex ISO Insulation	GenFast AP Fasteners with GenFast 3" Round Insulation Plates	Min. 0.5″ GenFlex HD ISO	OlyBond 500 applied in ½"-¾" wide ribbons spaced 12" o.c.	AFR EPD AFR, II FI	II FR EPDM, M, AFR PT, RM, II FRM-FR, T or FlexWhite	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.		
				1	Insulation Attachment					
Design Pre	Design Pressure (psf)		sity (ft² / fastener)		Parts per 4 x 4' board		Parts per 4 x 8' board			
0 < P ·	0 < P <u>&lt;</u> -45.0		2		8			16		

TABLE 2-C: ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer (s)		Top Insulation Layer (s)		Roof Cover			
		Туре	Attach	Туре	Attach	Membrane	Attach		
53 (SC-1)	Min. 22 ga., Type B, Grade 33 steel max	/pe B, GL 33 nax		Min. 1" ISOGARDConcrete Drive FaHD Composite OrElevate InsulationMax. 1" ISOGARD(Concrete) OrHD CompositeElevate All-Purposite		es IDS-FR®, LS-FR PT®, Platinum®, MAX®, MAX FR®, MAX PT® or EcoWhite®	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal.		
					Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates ( <b>Steel</b> )	RubberGard EPDM SA or FullForce EPDM	Self-adhered		
54 (SC-2)	6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation		Min. 1" GenFlex HD Composite ISO Or Max. 1" GenFlex HD Composite ISO ( <b>Steel – Recover</b> )	GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation ( <b>Concrete</b> ) Or GenFast AP Fasteners with GenFast 3" Round Insulation Plates ( <b>Steel</b> )	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal.		
Design Pressure (psf)					Insulation Attachmen	nt			
		Density (ft <sup>2</sup>		/ fastener)	Parts per 4 x 4' board		Parts per 4 x 8' board		
0 < P	0 < P <u>&lt;</u> -45.0		4.0		4		8		

TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation	n Layer (s)		Top Insulation Layer (s)	Roof Cover			
		Туре	Attach	Туре	Attach	Membrane	Attach		
55 (SC-3)	Min. 22 ga., Type B, – Grade 33	Min. 1.0" ISO 95+ GL or RESISTA followed by min. 1.5" ISO 95+ GL or RESISTA	Loose laid	Min. 0.5″ FiberTop E	Elevate All-Purpose Fasteners or Elevate Heavy-Duty Fasteners with Elevate Insulation Fastening Plates	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal.		
						RubberGard EPDM SA or FullForce EPDM	Self-adhered		
56 (SC-4)	steel max 6' spans or structural concrete	Min. 1.0" GenFlex ISO Insulation or Coated Glass Facer followed by min. 1.5" GenFlex ISO Insulation or Coated Glass Facer			GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal.		
Design Pressure (psf)		Insulation Attachment							
		Density (ft <sup>2</sup> / fastene		er) Parts per 4 x 4' board		Parts per 4 x 8' board			
0 < P <u>&lt;</u> -45.0		2.0			8		16		

		•			GENFLEX EPDM – NEW CONSTRUCTI IANICALLY ATTACHED INSULATION,	•	•		
Assembly	Culturate	Base Insulation	n Layer (s)		Top Insulation Layer (s)		Roof Cover		
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach		
(SC-5) ga., Ty	Min. 22 ga., Type B, Grade 33	(Optional) One or more layers,	Loose laid	Min. 1.25" ISO 95+ GL	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates ( <b>Steel</b> ) Or Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates ( <b>Concrete</b> )	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T, Single- Ply LVOC Bonding Adhesive or Single- Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal.		
	steel max 6' spans ( <b>New</b> ) or structural concrete ( <b>New or</b> <b>Recover</b> )					RubberGard EPDM SA or FullForce EPDM	Self-adhered		
58 (SC-6)		any combination		Min. 1.25" GenFlex ISO Insulation	GenFast AP Fasteners with GenFast 3" Round Insulation Plates ( <b>Steel</b> ) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation ( <b>Concrete</b> )	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal.		
			1	1	Insulation Attachmen	t			
Design Pr	essure (psf)	Density (ft <sup>2</sup> / fastener)			Parts per 4 x 4' board		Parts per 4 x 8' board		
0 < P <u>&lt;</u> -45.0			2.7		6		12		

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
Assembly	Substrate	Base Insula	tion Layer (s)		Top Insulation Layer (s)		Roof Cover				
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach				
59 (SC-7)		Min. 1.5" ISO 95+ GL or	Loose laid D	Min. 0.25" DensDeck	Elevate All-Purpose Fasteners or Elevate Heavy-Duty Fasteners with Elevate Insulation Fastening Plates	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.				
	Type B, Grade 33 steel max	RESISTA				RubberGard EPDM SA or FullForce EPDM	Self-adhered				
60 (SC-8)	6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation or Coated Glass Facer		Prime	GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.				
Decian Dr				•	Insulation Attachme	t					
Design Pr	essure (psf)	De	ensity (ft² / fas	stener)	Parts per 4 x 4' board		Parts per 4 x 8' board				
0 < P	<u>&lt;</u> -45.0		1.8		9		18				

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	Calestanta	Base Insula	tion Layer (s)	1	Fop Insulation Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach					
61 (SC-9)	Min. 22 ga.,	De B, RESISTA ade 33 el max spans or Min. 1.5" uctural GenFlex		Min. 0.5" ISOGARD HD	Elevate All-Purpose Fasteners or Elevate Heavy-Duty Fasteners with Elevate Insulation Fastening Plates	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.					
	Type B, Grade 33 steel max		Loose laid	e laid		RubberGard EPDM SA or FullForce EPDM	Self-adhered					
62 (SC-10)	6' spans or structural concrete			Min. 0.5" GenFlex HD ISO	GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.					
Docian Pr	Design Pressure (psf)				Insulation Attachme	Insulation Attachment						
Design Ph	essure (psi)	De	ensity (ft² / fas	stener)	Parts per 4 x 4' board		Parts per 4 x 8' board					
0 < P	<u>&lt;</u> -45.0		2.7		6		12					

#### TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER **Roof Cover** Base Insulation Layer (s) **Top Insulation Layer (s)** Assembly Substrate No. Membrane Attach Type Attach Type Attach Elevate All-Purpose Fasteners with RubberGard FR<sup>®</sup>, Bonding Adhesive BA-2004 T or **Elevate Insulation Fastening Plates** LS-FR<sup>®</sup>, LS-FR PT<sup>®</sup>, Single-Ply LVOC Bonding Adhesive Platinum<sup>®</sup>, MAX<sup>®</sup>, applied at a rate of 45-60 ft<sup>2</sup>/gal or (Steel) (Optional) Water Based Bonding Adhesive-P Min. 22 Or MAX FR<sup>®</sup>, MAX 63 One or more Min. 1.5" PT<sup>®</sup> or EcoWhite<sup>®</sup> applied at a rate of 100-120 ft<sup>2</sup>/gal. ga., Type B, (SC-11) layers, any RESISTA Elevate Heavy-Duty Fasteners or Grade 33 combination Concrete Drive Fasteners with RubberGard EPDM steel max **Elevate Insulation Fastening Plates** SA or FullForce Self-adhered 6' spans (Concrete) EPDM Loose laid (**New**) or GenFast AP Fasteners with GenFast structural GenFlex II FR GenFlex All Purpose Bonding Adhesive 3" Round Insulation Plates (Steel) concrete (Optional) or GenFlex EPDM Bonding Adhesive EPDM, AFR EPDM, Min. 1.5" Or (New or LVOC applied at a rate of 45-60 ft<sup>2</sup>/gal 64 One or more AFR PT, AFR, II Coated Glass Recover) GenFlex Heavy Duty Fasteners or or GenFlex Water Based Bonding FRM, II FRM-FR, II (SC-12) layers, any Facer GenFast Concrete Drive Fasteners FRM PT or Adhesive applied at a rate of 100-120 combination with GenFast 3" Round Insulation FlexWhite EPDM ft<sup>2</sup>/gal. (Concrete) Insulation Attachment Design Pressure (psf) Density (ft<sup>2</sup> / fastener) Parts per 4 x 4' board Parts per 4 x 8' board 2.7 6 0 < P <u><</u> -45.0 12

		-	-		GENFLEX EPDM – NEW CONSTRUCTI HANICALLY ATTACHED INSULATION,	-		
Assembly	C. hat at a	Base Insulat	ion Layer (s)	1	Fop Insulation Layer (s)		Roof Cover	
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	
65 (SC-13)	Min 22	(Optional) One or more layers, any	Loose laid	Min. 2.0" ISO 95+ GL	Elevate All-Purpose Fasteners or Elevate Heavy-Duty Fasteners with	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	
	ga., Type B, Grade 33 steel max	combination			Elevate Insulation Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered	
66 (SC-14)	- 6' spans or structural concrete	(Optional) One or more layers, any combination		Min. 2.0" GenFlex ISO Insulation	GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.	
Docian Pr	essure (psf)				Insulation Attachmen	Insulation Attachment		
Design Pr	essure (psf)	Density (ft <sup>2</sup> / fastener)			Parts per 4 x 4' board		Parts per 4 x 8' board	
0 < P	<u>&lt;</u> -67.5		2.0		8		16	

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER         STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	Substrate	Base Insulation Layer (s)		T	Top Insulation Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach					
67		Min. 1.5"	Min. 1.5"		Min. 0.5" ISOGARD HD Or Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates (Concrete)		Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal.					
(SC-15)	ISO 95+ GL GL Grade 33 steel max 6'		Loosolaid	Max. 1" ISOGARD HD ( <b>Steel -</b> <b>Recover</b> )	Elevate All-Purpose Fasteners with	RubberGard EPDM SA or FullForce EPDM	Self-adhered					
68 (SC-16)	spans or structural concrete	Min. 1.5" GenFlex ISO Insulation	Loose laid	Min. 0.5" GenFlex ISO Insulation Or Max. 1" GenFlex HD ISO ( <b>Steel –</b> <b>Recover</b> )	Gontact AP Factoners with	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.					
Docian P	ressure (psf)				Insulation Attachment							
	iessuie (psi)	De	nsity (ft <sup>2</sup> / fast	ener)	Parts per 4 x 4' board	Pa	rts per 4 x 8' board					
0 < F	P <u>&lt;</u> -45.0		1.78		9		18					
-45.0 <	< P <u>&lt;</u> -60.0		1.33		12		24					

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER         STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
Assembly	Substrate	Base Insulatio	n Layer (s)	-	Top Insulation Layer (s)			Roof Cover			
No.	Substrate	Туре	Attach	Туре	Attach		Membrane	Attach			
69 (SC-17)	Min. 22	Min. 1.5" ISO 95+ GL		Min. 1" ISOGARD HD Composite Or Max. 1"	Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates ( <b>Concrete</b> ) Or		RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T, Single- Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal.			
	ga., Type B, Grade 33 steel max 6'		Loose laid	ISOGARD HD ( <b>Steel -</b> <b>Recover</b> )	Elevate All-Purpose Faste Elevate Insulation Fasteni ( <b>Steel</b> )		RubberGard EPDM SA or FullForce EPDM	Self-adhered			
70 (SC-18)	spans or structural concrete	Min. 1.5" GenFlex ISO Insulation		Min. 1" GenFlex HD Composite ISO Or Max. 1" GenFlex HD ISO ( <b>Steel –</b> <b>Recover</b> )	GenFlex Heavy Duty Faste GenFast Concrete Drive F GenFast 3" Round Insulat ( <b>Concrete</b> ) Or GenFast AP Fasteners wit Round Insulation Plates (	Fasteners with tion Plates th GenFast 3"	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal.			
Docian Dr	occuro (ncf)				Insulation /	Attachment					
Design Pre	essure (psf)	Density (ft <sup>2</sup>	/ fastener)	Parts per 4 x 4' board			Parts per 4 x 8' board				
0 < P	<u>&lt;</u> -60.0	1.3	3		12		24				

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
Assembly	Calentrate	Base Insula	tion Layer (s)	1	Fop Insulation Layer (s)		Roof Cover				
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach				
71 (SC-19)	Min. 22 ga.,	De B, GL ade 33 el max	Loose laid M G	Min. 2.0" HailGard Elevate All-Purpose Fasteners or Elevate Heavy-Duty Fasteners with Elevate Insulation Fastening Plates	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.					
	Type B, Grade 33 steel max 6' spans or				Elevate insulation Pasterning Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered				
72 (SC-20)	structural concrete	Min. 1.5" GenFlex ISO Insulation		Min. 2.0" GenFlex HailGard	GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.				
Docian Pr	Design Pressure (psf)		Insulation Attachme				it				
Design Pro	essure (psr)	D	ensity (ft² / fas	tener)	Parts per 4 x 4' board Parts per 4 x 8' board		Parts per 4 x 8' board				
0 < P	<u>&lt;</u> -75.0		2.0		8		16				

					GENFLEX EPDM – NEW CONSTRUCTI HANICALLY ATTACHED INSULATION,			
Assembly	C hat with	Base Insulati	on Layer (s)	1	Fop Insulation Layer (s)		Roof Cover	
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	
73 (SC-21)	Min. 22	(Optional) One or more layers, any combination		Min. 1.5" ISO 95+ GL	Elevate Heavy-Duty Fasteners with	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal.	
	ga., Type B, Grade 33 steel max 6' spans or		Loose laid	Elevate Insulation Fastening Plates	RubberGard EPDM SA or FullForce EPDM	Self-adhered		
74 (SC-22)	structural concrete	(Optional) One or more layers, any combination		Min. 1.5" GenFlex ISO Insulation	GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	
Decign Dr	occura (ncf)				Insulation Attachmen	ent		
Design Pro	essure (psf)	Der	nsity (ft² / fast	ener)	Parts per 4 x 4' board		Parts per 4 x 8' board	
0 < P	<u>&lt;</u> -82.5		1.33		12		24	

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
Assembly	Substrate	Base Insulati	on Layer (s)	Т	op Insulation Layer (s)		Roof Cover				
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach				
75 (SC-23)	Min 22	(Optional) One or more layers, any combination	Loose laid	Min. 2.0" ISO 95+ GL	Elevate All-Purpose Fasteners or Elevate Heavy-Duty Fasteners with Elevate Insulation Fastening Plates	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal.				
	ga., Type B, Grade 33 steel max 6' spans or					RubberGard EPDM SA or FullForce EPDM	Self-adhered				
76 (SC-24)	structural concrete	(Optional) One or more layers, any combination		Min. 2.0" GenFlex ISO Insulation	GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.				
Docian Pr	essure (psf)				Insulation Attachmen	t					
Design	essure (psi)	Der	nsity (ft² / fast	ener)	Parts per 4 x 4' board	Parts per 4 x 8' board					
0 < P	<u>&lt;</u> -82.5		1.6		10		20				
-82.5 <	P <u>&lt;</u> -112.5	1.0			16	32					
-112.5 <	P <u>&lt;</u> -150.0		1.0		16		32				

		-	-		GENFLEX EPDM – NEW CONSTRUCTI HANICALLY ATTACHED INSULATION,	-		
Assembly	Substrate	Base Insulati	ion Layer (s)	Top Insulation Layer (s)		Roof Cover		
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	
77 (SC-25)	Min. 22 ga., Type B,	(Optional) One or more layers, any		Min. 2.0" RESISTA	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates ( <b>Steel</b> ) Or Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates ( <b>Concrete</b> )	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	
	Grade 33 steel max 6' spans	3 combination ax 5	Loose laid			RubberGard EPDM SA or FullForce EPDM	Self-adhered	
78 (SC-26)	( <b>New</b> ) or structural concrete ( <b>New or</b> <b>Recover</b> )	(Optional) One or more layers, any combination	ore /	Min. 2.0" Coated Glass Facer	GenFast AP Fasteners with GenFast 3" Round Insulation Plates ( <b>Steel</b> ) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation ( <b>Concrete</b> )	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.	
		Insulation Attachment						
Design Pr	essure (psf)	Dei	nsity (ft² / fast	ener)	Parts per 4 x 4' board		Parts per 4 x 8' board	
0 < P	<u>&lt;</u> -82.5		1.6		10		20	
-82.5 < P <u>&lt;</u> -105.0		1.33			12		24	
-105.0 < P <u>&lt;</u> -112.5		1.0			16	32		
-112.5 <	-112.5 < P <u>&lt;</u> -142.5		1.0		16	32		
-142.5 <	P <u>&lt;</u> -150.0		1.0		16		32	

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
Assembly	Substrate	Base Insulation	Base Insulation Layer (s)		Top Insulation Layer (s)	Roof Cover					
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach				
79 (SC-27)	) Min. 22 ga., Type B, Grade 33 steel max 6'	Min. 1.5" ISO 95+ GL, RESISTA, or ISOGARD HD Composite	Loose Laid	Min. 0.5" SECUROCK Gypsum Fiber Roof Board	Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates ( <b>Concrete</b> ) Or Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates ( <b>Steel</b> )	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> , EcoWhite <sup>®</sup> or EcoWhite PT <sup>®</sup>	Bonding Adhesive BA-2004 T, Single-Ply LVOC Bonding Adhesive or Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.				
						RubberGard EPDM SA or FullForce EPDM	Self-adhered				
80 (SC-28)	spans or structural concrete	Min. 1.5" GenFlex ISO Insulation, Coated Glass Facer, or GenFlex HD Composite ISO	Loose Laid	Min. 0.5" SECUROCK Gypsum Fiber Roof Board	GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation Plates ( <b>Concrete</b> ) Or GenFast AP Fasteners with GenFast 3" Round Insulation Plates ( <b>Steel</b> )	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT, FlexWhite EPDM or FlexWhite PT	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.				
Design Da			1	1	Insulation Attachm	ent					
Design Pre	essure (psf)	Density (ft <sup>2</sup>	/ fastener)	Parts per 4 x 4' board		Parts per 4 x 8' board					
0 < P	<u>&lt;</u> -82.5	1.0	)		16		32				

	-	-	-		GENFLEX EPDM – NEW CONSTRUCTI HANICALLY ATTACHED INSULATION,	-			
Assembly	Substrate	Base Insulati	on Layer (s)		Top Insulation Layer (s)		Roof Cover		
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach		
81 (SC-29)	Min. 22	(Optional) One or more layers, any	or more		Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates ( <b>Steel</b> ) Or Elevate Heavy-Duty Fasteners or	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.		
(3C-29)	Min. 22 ga., Type B, Grade 33 steel max	combination	Loose laid	Min. 0.5" DensDeck	Elevate Insulation Fastening Plates SA or	RubberGard EPDM SA or FullForce EPDM	Self-adhered		
82 (SC-30)	6' spans or structural concrete	ns or Prime Iral		GenFast AP Fasteners with GenFast 3" Round Insulation Plates ( <b>Steel</b> ) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation ( <b>Concrete</b> )	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.			
Docian Dr	occura (ncf)				Insulation Attachmen	t			
Design Ph	essure (psf)	Density (ft <sup>2</sup> / fastener) Parts per 4 x 4' board Parts per 4 x 8' board		Parts per 4 x 8' board					
0 < P <u>-</u>	<u>&lt;</u> -105.0		1.0		16		32		

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
Assembly	C hat a to		Top Insulation L	ayer (s)		Roof Cover					
No.	Substrate	Туре		Attach	Membrane	e Attach					
83	Min. 22 ga., Type B,	Min. 1.5" ISOGARD HD	Fasteners with Elevate I	teners or Concrete Drive nsulation Fastening Plates	RubberGard FR <sup>®</sup> , FR <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T or Single					
(SC-31)	Grade 33 steel max 6' spans ( <b>New</b> ) or structural concrete	Composite		evale insulation rastening (Steel)		DM Self-adhered					
84 (SC-32)	(New or Recover)	Min. 1.5" GenFlex HD Composite ISO	GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation Plates ( <b>Concrete</b> ) Or GenFast AP Fasteners with GenFast 3" Round Insulation ( <b>Steel</b> )		GenFlex II FR EPE AFR EPDM, AFR, FRM, II FRM-FR of FlexWhite EPDM	R, II GenFlex All Purpose Bonding Adhesive GenFlex EPDM Bonding Adhesive LVO applied at a rate of 45-60 ft <sup>2</sup> /gal					
				Insulation Atta	achment						
Desig	n Pressure (psf)	Density	/ (ft <sup>2</sup> / fastener)	Parts per 4 x 4' board		Parts per 4 x 8' board					
0	< P <u>&lt;</u> -112.5	1.33		12		24					

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER										
Assembly	C. hat with		Top Insulat	ion Layer (s)	Roof	Cover					
No.	Substrate	Туре		Attach	Membrane	Attach					
85	Min. 22 ga., Type B, Grade	Min. 2" ISOGARD HD		ers or Concrete Drive Fasteners with g Plates ( <b>Concrete</b> ) Or Elevate All-Purpose	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal.					
(SC-33)	33 steel max 6' spans ( <b>New</b> ) or	Composite	Fasteners with Elevate Insu	lation Fastening ( <b>Steel</b> )	RubberGard EPDM SA or FullForce EPDM	Self-adhered					
86 (SC-34)	structural concrete ( <b>New</b> <b>or Recover</b> )	Min. 2" GenFlex HD Composite ISO		ners or GenFast Concrete Drive Fasteners ulation Plates ( <b>Concrete</b> )Or GenFast AP Round Insulation ( <b>Steel</b> )	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding applied at a rate of 45-60 ft <sup>2</sup> /gal.					
Design	Dressure (nef)			Insulation Attachment							
Design	Pressure (psf)	Density (ft <sup>2</sup> / fastener)		Parts per 4 x 4' board	Parts per 4	x 8' board					
0 < P < -120.0 1.33 12 24				4							

	TABLE 2-C (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER         STEEL or CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER											
Assembly	Substrate	Base Insula	tion Layer (s)	Т	op Insulation Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach					
87 (SC-35)	Min. 22 ga., Type B, Grade 33 steel max	e B, de 33 I max Loose laid Min. 7/16" OSB pans or ctural Min. 1.5"		Min 7/16" OSB	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates ( <b>Steel</b> ) Or Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates ( <b>Concrete</b> )	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Single-Ply LVOC Bonding Adhesive or LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal.					
88 (SC-36)	6' spans or structural concrete				GenFast AP Fasteners with GenFast 3" Round Insulation Plates ( <b>Steel</b> ) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation ( <b>Concrete</b> )	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal.					
Docian Pr	essure (psf)				Insulation Attachmer	nt						
Design Ph	essure (psi)	D	ensity (ft² / fas	stener)	Parts per 4 x 4' board		Parts per 4 x 8' board					
0 < P <u>·</u>	<u>&lt;</u> -142.5		1.0		16		32					

			VATE EPDM AND GENFLEX EP (, MECHANICALLY ATTACHED		-	•		COVER	
Assembly	Substrate	Bas	e Insulation Layer (s)	Тор I	Insulation Layer (s)	I	Roo	of Cover	
No.	Substrate	Туре	Attach	Туре	Attach		Membrane	Attach	
89		Min. 2" ISO	Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates ( <b>Concrete</b> )	Min. 0.5" ISOGARD	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.		RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	
(SC-37)	Min. 22 ga., Type B, Grade 33 steel max 6' spans	95+ GL	Or Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates ( <b>Steel</b> )	HD			RubberGard EPDM SA or FullForce EPDM	Self-adhered	
90 (SC-38)	( <b>New</b> ) or structural concrete ( <b>New or</b> <b>Recover</b> )	Min. 2" GenFlex ISO Insulation	GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation Plates ( <b>Concrete</b> ) Or GenFast AP Fasteners with GenFast 3" Round Insulation ( <b>Steel</b> )	Min. 0.5" GenFlex HD ISO	OlyBond 500 appli 1/2"-3/4" wide ribl spaced 12" o.c. or GenFlex One Step Insulation Adhesiv GenFlex I.S.O. FIX Adhesive applied i 1" wide ribbons sp 12" o.c.	bons ve or II in 3/4"-	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.	
Docian	Droccuro (ncf)		1	In	sulation Attachme	nt		1	
Design	Design Pressure (psf)		nsity (ft <sup>2</sup> / fastener)	Parts per 4 x 4' board		Parts per 4 x 8' board			
0 ·	< P <u>&lt;</u> -90.0		1.0		16		32		

		-	-		ENFLEX EPDM – NEW CO HED BASE INSULATION,				
Assembly	C. hat when	The	ermal Barrier	Base I	nsulation Layer (s)	Тор II	Top Insulation Layer (s)		of Cover
No.	Substrate	Туре	Attach	Туре	Attach	Туре	Attach	Membrane	Attach
91 (SC-39)	Min. 22 ga., Type B, Grade		Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates ( <b>Concrete</b> ) or Elevate All-Purpose Fasteners with Elevate Insulation	Min. 1.5" ISO 95+ GL	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide		Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1"	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup> RubberGard	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal.
	33 steel max 6' spans ( <b>New</b> ) or	Min. 0.5" DensDeck or DensDeck	Fastening Plates ( <b>Steel</b> )		ribbons spaced 12" o.c.	Min. 0.25" DensDeck Prime	wide ribbons spaced 12" o.c.	EPDM SA or FullForce EPDM	Self-adhered
92 (SC-40)	structural concrete ( <b>New or</b> <b>Recover</b> )	Prime	GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation Plates ( <b>Concrete</b> ) or GenFast AP Fasteners with GenFast 3" Round	Min. 1.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.		OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal.
	Insulation ( <b>Steel</b> )				Insulation A	Attachment			of 100 120 ft /gal.
Design Pre	essure (psf)	Densit	y (ft² / fastener)		Parts per 4 x 4' board	Parts	s per 4 x 8' boa	rd	
0 < P	<u>&lt;</u> -45.0		2.0		8			16	

#### TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER Base Insulation Layer (s) **Top Insulation Layer (s) Roof Cover** Assembly Substrate Temp Roof No. Type Attach Type Attach Membrane Attach Elevate All-Purpose Bonding Adhesive BA-Elevate I.S.O. Twin RubberGard FR<sup>®</sup>. Fasteners with Elevate 2004 T, Single-Ply LVOC Pack Adhesive LS-FR<sup>®</sup>, LS-FR PT<sup>®</sup>, Insulation Fastening Bonding Adhesive or applied in 1/2"-3/4" Platinum<sup>®</sup>, MAX<sup>®</sup>, Plates (Steel) Min. 0.5" Water Based Bonding wide ribbons spaced MAX FR<sup>®</sup>, MAX PT<sup>®</sup> Or DensDeck Adhesive-P applied at a 12″ o.c. 93 Min. 1.5" or EcoWhite® Elevate Heavy-Duty rate of 45-60 ft<sup>2</sup>/gal. Prime or (SC-41) ISO 95+ GL or 2.25" ISO Fasteners or Concrete Min. 22 ga., Elevate I.S.O. Stick 95+ GL Drive Fasteners with RubberGard EPDM Type B, Adhesive applied in Elevate Insulation Grade 33 SA or FullForce Self-adhered 3/4"-1" wide ribbons V-Force SB Fastening Plates steel max 6' EPDM spaced 12" o.c. Primer: V-(Concrete) spans (**New**) Force, selfor structural OlyBond 500 applied adhered GenFast AP Fasteners concrete in 1/2"-3/4" wide GenFlex All Purpose with GenFast 3" Round Min. 0.5" (New or ribbons spaced 12" GenFlex II FR Bonding Adhesive, Insulation Plates (Steel) DensDeck Recover) 0.C. Min 1.5" EPDM, AFR EPDM, GenFlex EPDM Bonding Pime or Or 94 GenFlex or Adhesive LVOC or AFR PT, AFR, II 2.25" GenFlex Heavy Duty ISO (SC-42) GenFlex One Step FRM, II FRM-FR, II GenFlex Water Based GenFlex Fasteners or GenFast Insulation Insulation Adhesive FRM PT or Bonding Adhesive ISO **Concrete Drive Fasteners** applied in 3/4"-1" FlexWhite EPDM applied at a rate of 45-60 Insulation with GenFast 3" Round wide ribbons spaced ft²/gal. Insulation (Concrete) 12″ o.c. Insulation Attachment Design Pressure (psf) Density (ft<sup>2</sup> / fastener) Parts per 4 x 4' board Parts per 4 x 8' board 0 < P <u><</u> -45.0 4.0 4 8

		ABLE 2-D (Co	ontinued): ELEVATE EPDM AN TE DECK, MECHANICALLY AT							
Assembly	Substrate	Base	e Insulation Layer (s)	Tomp Poof	Top Insulation Layer (s)		r (s)	Ro	of Cover	
No.	Substrate	Туре	Attach	Temp Roof	Туре	Atta	ch	Membrane	Attach	
95 (SC-43)	(SC-43) Min. 22 ga., Type B, Grade 33 steel max 6' spans	x 6' Min. 0.5" DensDeck			Min. 1.5" ISO 95+ GL	Elevate I.S.O. Pack Adhesiv applied in 1/ wide ribbons 12" o.c. or	/e 2″-3/4″	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T, Single-Ply LVOC Bonding Adhesive or Water Based Bonding Adhesive-P applied at a rate of 45-60 ft <sup>2</sup> /gal.	
(SC-43)				Elevate SA Primer; BASEGARD		Elevate I.S.O. Stick Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c. OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.		RubberGard EPDM SA or FullForce EPDM	Self-adhered	
96 (SC-44)	( <b>New</b> ) or structural concrete ( <b>New or</b> <b>Recover</b> )	Prime		SA, self- adhered	Min. 1.5" GenFlex ISO Insulation			GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or GenFlex Water Based Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	
Decim D			1	1	Insulation	Attachment			1	
Design Pr	essure (psf)		Density (ft <sup>2</sup> / fastener)			Parts per 4 x 4' board		Parts per 4 x 8' board		
0 < P	<u>&lt;</u> -45.0		2.0		8	8		16		

		-	d): ELEVATE EPDM AND GENF (, MECHANICALLY ATTACHED						
Assembly	Substrate	Bas	e Insulation Layer (s)	Тор I	Insulation Layer (s)	)	Roof Cover		
No.	Substrate	Туре	Attach	Туре	Attach		Membrane	Attach	
97 (SC-45)	Min. 22 ga., Type B, Grade 33 steel max 6' spans ( <b>New</b> ) or	Min. 1.5" ISO 95+ GL			Elevate I.S.O. Twin Adhesive applied i 3/4" wide ribbons 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevat FIX II Adhesive app	in 1/2"- spaced te I.S.O.	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T, Single-Ply LVOC Bonding Adhesive or LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive- P applied at a rate of 100-120 ft <sup>2</sup> /gal.	
			Fastening Plates ( <b>Concrete</b> )		3/4"-1" wide ribbc spaced 12" o.c.		RubberGard EPDM SA or FullForce EPDM	Self-adhered	
98 (SC-46)	structural concrete ( <b>New or</b> <b>Recover</b> )	Min. 1.5" GenFlex ISO Insulation	GenFast AP Fasteners with GenFast 3" Round Insulation Plates ( <b>Steel</b> ) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation ( <b>Concrete</b> )	Min. 1.5" GenFlex ISO Insulation or min. 0.5" GenFlex HD ISO	OlyBond 500 appl 1/2"-3/4" wide rib spaced 12" o.c. or GenFlex One Step Insulation Adhesiv GenFlex I.S.O. FIX Adhesive applied i 1" wide ribbons sp 12" o.c.	bons ve or II in 3/4"-	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100- 120 ft <sup>2</sup> /gal.	
Design	Pressure (psf)				sulation Attachme	nt			
-	-	De	nsity (ft <sup>2</sup> / fastener)	Parts per	Parts per 4 x 4' board		Parts per 4 x 8' board		
0 <	0 < P <u>&lt;</u> -45.0		2.0		8	16			

		-	d): ELEVATE EPDM AND GENF K, MECHANICALLY ATTACHED						
Assembly	Substrate	Base	e Insulation Layer (s)	Тор	Top Insulation Layer (s)		Roof Cover		
No.	Substrate	Туре	Attach	Туре	Attach		Membrane	Attach	
99	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5"	Elevate All-Purpose Fasteners or Elevate Heavy-Duty		Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide ribbons spaced 12" o.c. or		RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal.	
(SC-47)		ISO 95+ GL	Fasteners with Elevate Insulation Fastening Plates	Min. 0.25″ DensDeck or	Elevate I.S.O. Stick Adhesive or Elevat FIX II Adhesive app 3/4"-1" wide ribbo spaced 12" o.c.	te I.S.O. plied in	RubberGard EPDM SA or FullForce EPDM	Self-adhered	
100 (SC-48)	max 6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation	GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	DensDeck Prime	Spaced 12 o.c. OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"- 1" wide ribbons spaced 12" o.c.		GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	
Decisi	Dressure (ref)		1	In	sulation Attachmer	nt	1	1	
Design	Design Pressure (psf)		Density (ft <sup>2</sup> / fastener)		Parts per 4 x 4' board		Parts per 4 x 8' board		
0 <	0 < P <u>&lt;</u> -45.0		2.0	8			16		

		-	ed): ELEVATE EPDM AND GENF K, MECHANICALLY ATTACHED						
Assembly	C. hat sets	Bas	se Insulation Layer (s)	Top I	nsulation Layer (s)	I	Roe	of Cover	
No.	Substrate	Туре	Attach	Туре	Attach		Membrane	Attach	
101	-49) Min. 22 ga., Type B, Grade 33 steel max 6' spans	Min. 0.5"		(Optional) Min. 1.5" RESISTA	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide ribbons spaced 12" o.c. or		RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	
(SC-49)				followed by min. 0.5" RESISTA	Elevate I.S.O. Stick Adhesive or Elevat FIX II Adhesive app 3/4"-1" wide ribbo spaced 12" o.c.	te I.S.O. plied in	RubberGard EPDM SA or FullForce EPDM	Self-adhered	
102 (SC-50)	( <b>New</b> ) or structural concrete ( <b>New or</b> <b>Recover</b> )	DensDeck Prime	GenFast AP Fasteners with GenFast 3" Round Insulation Plates ( <b>Steel</b> ) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation ( <b>Concrete</b> )	(Optional) Min. 1.5" Coated Glass Facer followed by min. 0.5" Coated Glass Facer	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"- 1" wide ribbons spaced 12" o.c.		GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.	
Docian	Processo (pcf)			In	sulation Attachme	nt	•	•	
Design	Pressure (psf)	De	ensity (ft <sup>2</sup> / fastener)	Parts per 4 x 4' board		Parts per 4 x 8' board			
0 < P <u>&lt;</u> -45.0		4.0		4			8		

			d): ELEVATE EPDM AND GENF						
Assembly	Culture	Ba	se Insulation Layer (s)	Тор	nsulation Layer (s)	)	Ro	of Cover	
No.	Substrate	Туре	Attach	Туре	Attach		Membrane	Attach	
103		el max	-	(Optional) Min. 1.5" RESISTA	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.		RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	
(SC-51)	Min. 22 ga., Type B, Grade 33 steel max			followed by min. 0.5" RESISTA			RubberGard EPDM SA or FullForce EPDM	Self-adhered	
104 (SC-52)	6' spans ( <b>New</b> ) or structural concrete ( <b>New or Recover</b> )	Min. 1.5" Coated Glass Facer	GenFast AP Fasteners with GenFast 3" Round Insulation Plates ( <b>Steel</b> ) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation ( <b>Concrete</b> )	(Optional) Min. 1.5" Coated Glass Facer followed by min. 0.5" Coated Glass Facer	OlyBond 500 appl 1/2"-3/4" wide rib spaced 12" o.c. or GenFlex One Step Insulation Adhesiv GenFlex I.S.O. FIX Adhesive applied i 1" wide ribbons sp 12" o.c.	bons ve or II in 3/4"-	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.	
Desig	n Pressure (psf)				sulation Attachme	ent			
Desigi		D	ensity (ft <sup>2</sup> / fastener)	Parts per 4 x 4' board		Parts per 4 x 8' board			
0 < P <u>&lt;</u> -45.0		2.0		8			16		

		-	d): ELEVATE EPDM AND GENF						
Assembly	Calestante	Ba	se Insulation Layer (s)	Тор	nsulation Layer (s)	I	Roe	of Cover	
No.	Substrate	Туре	Attach	Туре	Attach		Membrane	Attach	
105	-53) Min. 22 ga., Type B, Grade 33 steel max	Min. 1.5"		(Optional) Min. 1.5" RESISTA	Elevate I.S.O. Twin Adhesive applied i 3/4" wide ribbons 12" o.c. or	in 1/2"- spaced	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	
(SC-53)		RESISTA	Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates ( <b>Concrete</b> )	followed by min. 0.5" RESISTA	Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.		RubberGard EPDM SA or FullForce EPDM	Self-adhered	
106 (SC-54)	6' spans ( <b>New</b> ) or structural concrete ( <b>New or Recover</b> )	Min. 1.5" Coated Glass Facer	GenFast AP Fasteners with GenFast 3" Round Insulation Plates ( <b>Steel</b> ) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation ( <b>Concrete</b> )	(Optional) Min. 1.5" Coated Glass Facer followed by min. 0.5" Coated Glass Facer	OlyBond 500 appl 1/2"-3/4" wide rib spaced 12" o.c. or GenFlex One Step Insulation Adhesiv GenFlex I.S.O. FIX Adhesive applied i 1" wide ribbons sp 12" o.c.	bons ve or II in 3/4"-	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.	
Desig	n Pressure (psf)			lı	sulation Attachme	ent			
Design	rressure (psi)	D	ensity (ft² / fastener)	Parts per 4 x 4' board		Parts per 4 x 8' board			
0 < P <u>&lt;</u> -45.0		2.7		6			12		

		-	d): ELEVATE EPDM AND GENF						
Assembly	Culture	Base Insulation Layer (s)		Тор	nsulation Layer (s)	I	Roof Cover		
No.	Substrate	Туре	Attach	Туре	Attach		Membrane	Attach	
107 (SC 55)		Min. 2.0"	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates ( <b>Steel</b> ) Or	(Optional) Min. 1.5" RESISTA	Elevate I.S.O. Twin Adhesive applied i 3/4" wide ribbons 12" o.c. or Elevate I.S.O. Stick	in 1/2"- spaced	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	
(SC-55)	Min. 22 ga., Type B, Grade 33 steel max	RESISTA	Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates ( <b>Concrete</b> )	followed by min. 0.5" RESISTA	Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.		RubberGard EPDM SA or FullForce EPDM	Self-adhered	
108 (SC-56)	6' spans ( <b>New</b> ) or structural concrete ( <b>New or Recover</b> )	Min. 2.0" Coated Glass Facer	GenFast AP Fasteners with GenFast 3" Round Insulation Plates ( <b>Steel</b> ) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation ( <b>Concrete</b> )	(Optional) Min. 1.5" Coated Glass Facer followed by min. 0.5" Coated Glass Facer	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c.		GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.	
Desig	n Pressure (psf)				sulation Attachme	ent			
	•	D	ensity (ft <sup>2</sup> / fastener)	Parts per 4 x 4' board			Parts per 4 x 8' board		
0	< P <u>&lt;</u> -45.0		4.0		4		8		

		-	d): ELEVATE EPDM AND GENFI K, MECHANICALLY ATTACHED						
Assembly	Calestante	Base Insulation Layer (s)		Top Insulation Layer (s)			Roof Cover		
No.	Substrate	Туре	Attach	Туре	Attach		Membrane	Attach	
109 (SC-57)		Elevate All-Purpose Fasteners       Adh         with Elevate Insulation       3/4         Fastening Plates ( <b>Steel</b> )       12"         Min. 1.5"       Or       or         ISO 95+ GL       Elevate Heavy-Duty Fasteners       Elevate Heavy-Duty Fasteners         or Concrete Drive Fasteners       Adh		Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O.		RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100- 120 ft <sup>2</sup> /gal.		
	Min. 22 ga., Type B, Grade 33 steel max 6' spans ( <b>New</b> ) or		with Elevate Insulation Fastening Plates ( <b>Concrete</b> )	Min. 0.5" DensDeck	FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.		RubberGard EPDM SA or FullForce EPDM	Self-adhered	
110 (SC-58)	structural concrete ( <b>New or</b> <b>Recover</b> )	Min. 1.5" GenFlex ISO Insulation	GenFast AP Fasteners with GenFast 3" Round Insulation Plates ( <b>Steel</b> ) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation ( <b>Concrete</b> )	Prime OlyBond 500 app 1/2"-3/4" wide ril spaced 12" o.c. or GenFlex One Step Insulation Adhesi GenFlex I.S.O. FIX Adhesive applied 1" wide ribbons s 12" o.c.		bons /e or II in 3/4"-	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100- 120 ft <sup>2</sup> /gal.	
Decim	Droccuro (pcf)		1		nsulation Attachmer	nt			
Design	Pressure (psf)	De	nsity (ft² / fastener)	Parts per 4 x 4' board			Parts per 4 x 8' board		
0 <	< P <u>&lt;</u> -60.0		1.6		10		20		

			d): ELEVATE EPDM AND GENF <, MECHANICALLY ATTACHED						
Assembly	Substrate	Base Insulation Layer (s)		Top Insulation Layer (s)			Roof Cover		
No.	Substrate	Туре	Attach	Туре	Attach		Membrane	Attach	
111		Min. 1.5"	Elevate All-Purpose Fasteners or Elevate Heavy-Duty	Min. 1.5" ISO	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c. OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"- 1" wide ribbons spaced 12" o.c.		RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal.	
(SC-59)	Min. 22 ga., Type B, Grade 33 steel	ISO 95+ GL	Fasteners with Elevate Insulation Fastening Plates	95+ GL			RubberGard EPDM SA or FullForce EPDM	Self-adhered	
112 (SC-60)	max 6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation	GenFast AP Fasteners or GenFlex Heavy Duty Fasteners with GenFast 3" Round Insulation Plates	Min. 1.5" GenFlex ISO Insulation			GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	
Desian	Processo (nof)		1	In	nsulation Attachment			•	
Design	Pressure (psf)	De	Density (ft <sup>2</sup> / fastener)		Parts per 4 x 4' board		Parts per 4 x 8' board		
0 <	< Ρ <u>&lt;</u> -75.0		1.6		10		20		

	TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER         STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER										
Assembly	Substrate	Base Insulation Layer (s)		Top Insulation Layer (s)			Roof Cover				
No.	Substrate	Туре	Attach	Туре	Type Attach		Membrane	Attach			
113 (SC-61)		Min. 1.5" RESISTA	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates ( <b>Steel</b> ) Or Elevate Heavy-Duty Fasteners or Concrete Drive Fasteners	Min. 1.5" RESISTA	Elevate I.S.O. Twin Adhesive applied 3/4" wide ribbons 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevat	in 1/2"- spaced	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100- 120 ft <sup>2</sup> /gal.			
	B, Grade 33 steel max 6' spans ( <b>New</b> ) or	max 6' spans spaced 12" o.c.		RubberGard EPDM SA or FullForce EPDM	Self-adhered						
114 (SC-62)	structural concrete ( <b>New or</b> <b>Recover</b> )	Min. 1.5" Coated Glass Facer	GenFast AP Fasteners with GenFast 3" Round Insulation Plates ( <b>Steel</b> ) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation ( <b>Concrete</b> )	Min. 1.5" Coated Glass Facer	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"- 1" wide ribbons spaced 12" o.c.		GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100- 120 ft <sup>2</sup> /gal.			
Docian	Pressure (psf)			Ins	Insulation Attachment						
Design	Fressure (psi)	De	ensity (ft² / fastener)	Parts per	Parts per 4 x 4' board		Parts per 4 x 8' board				
0 <	< P <u>&lt;</u> -75.0		1.6		10		20				

		-	d): ELEVATE EPDM AND GENF (, MECHANICALLY ATTACHED						
Assembly Substrate		Base Insulation Layer (s)		Top Insulation Layer (s)		I	Roof Cover		
No.	Substrate	Туре	Attach	Туре	Attach		Membrane	Attach	
115 (SC-63)	Lievate All-Purpose Fasteners with Elevate Insulation Fastening Plates ( <b>Steel</b> ) OrMin. 1.5" ISO 95+ GLAddesive applied in 1/2 - 3/4" wide ribbons spaced 12" o.c.FMin. 2.0" 		RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T, Single-Ply LVOC Bonding Adhesive or LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive- P applied at a rate of 100-120 ft <sup>2</sup> /gal.					
	B, Grade 33 steel max 6' spans ( <b>New</b> ) or		Fastening Plates ( <b>Concrete</b> )	7/16" OSB	3/4"-1" wide ribbons spaced 12" o.c.		RubberGard EPDM SA or FullForce EPDM	Self-adhered	
116 (SC-64)	structural concrete ( <b>New or</b> <b>Recover</b> )	Min. 2.0" GenFlex ISO Insulation	GenFast AP Fasteners with GenFast 3" Round Insulation Plates ( <b>Steel</b> ) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation ( <b>Concrete</b> )	Min. 1.5" GenFlex ISO Insulation followed by min. 0.5" GenFlex HD ISO or min. 7/16" OSB	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"- 1" wide ribbons spaced 12" o.c.		GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive, GenFlex EPDM Bonding Adhesive LVOC or EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100- 120 ft <sup>2</sup> /gal.	
Decian	Pressure (psf)				sulation Attachme	nt			
-		De	nsity (ft <sup>2</sup> / fastener)	Parts per	Parts per 4 x 4' board		Parts per 4 x 8' board		
0 <	: P <u>&lt;</u> -105.0		1.0		16		32		

#### TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER **Base Insulation Layer (s) Top Insulation Layer (s) Roof Cover** Assembly Substrate No. Type Attach Type Attach Membrane Attach Elevate I.S.O. Twin Pack Elevate All-Purpose Fasteners Adhesive applied in 1/2"with Elevate Insulation 3/4" wide ribbons spaced RubberGard FR<sup>®</sup>, LS-Fastening Plates (Steel) 12″ o.c. FR<sup>®</sup>, LS-FR PT<sup>®</sup>, Single-Ply LVOC Bonding Or or Min. 2.0" 117 Platinum<sup>®</sup>, MAX<sup>®</sup>, Adhesive 1168 applied at ISO 95+ GL **Elevate Heavy-Duty Fasteners** Elevate I.S.O. Stick (SC-65) MAX FR<sup>®</sup>, MAX PT<sup>®</sup> a rate of 45-60 ft<sup>2</sup>/gal. or Concrete Drive Fasteners Adhesive or Elevate I.S.O. or EcoWhite® Min. 22 ga., Type with Elevate Insulation FIX II Adhesive applied in B, Grade 33 steel Fastening Plates (Concrete) 3/4"-1" wide ribbons Min. 0.5" max 6' spans spaced 12" o.c. DensDeck (New) or OlyBond 500 applied in structural GenFast AP Fasteners with Prime 1/2"-3/4" wide ribbons concrete (New or GenFast 3" Round Insulation spaced 12" o.c. Recover) Plates (Steel) GenFlex II FR EPDM, Min. 2.0" or EZ TPO Bonding Or AFR EPDM, AFR PT, GenFlex 118 GenFlex One Step Adhesive LVOC 1168 AFR, II FRM, II FRM-GenFlex Heavy Duty ISO Insulation Adhesive or applied at a rate of 45-60 (SC-66) FR, II FRM PT or Fasteners or GenFast Insulation GenFlex I.S.O. FIX II ft<sup>2</sup>/gal. FlexWhite FPDM Concrete Drive Fasteners Adhesive applied in 3/4"with GenFast 3" Round 1" wide ribbons spaced Insulation (**Concrete**) 12″ o.c. **Insulation Attachment** Design Pressure (psf) Density (ft<sup>2</sup> / fastener) Parts per 4 x 8' board Parts per 4 x 4' board 0 < P <u><</u> -112.5 1.0 16 32

	TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER										
Assembly	Substrate	Base Insulation Layer (s)		Top Insulation Layer (s)			Roof Cover				
No.	Substrate	Type Attach		Туре	Attach		Membrane	Attach			
119 (SC-67)		Min. 2.0" RESISTA	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates ( <b>Steel</b> ) Or Elevate Heavy-Duty Fasteners or Concrete Drive	Min. 1.5″ RESISTA	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O.		RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100- 120 ft <sup>2</sup> /gal.			
	Min. 22 ga., Type B, Grade 33 steel max 6' spans ( <b>New</b> ) or	Fasteners with Elevate Insulation Fastening Plates ( <b>Concrete</b> )			FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.		RubberGard EPDM SA or FullForce EPDM	Self-adhered			
120 (SC-68)	structural concrete ( <b>New or</b> <b>Recover</b> )	Min. 2.0" Coated Glass Facer	GenFast AP Fasteners with GenFast 3" Round Insulation Plates ( <b>Steel</b> ) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation ( <b>Concrete</b> )	Min. 1.5" Coated Glass Facer	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"- 1" wide ribbons spaced 12" o.c.		GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100- 120 ft <sup>2</sup> /gal.			
Docian	Proceuro (pcf)			Insulation Attachment		nt					
Design	Pressure (psf)	Der	sity (ft <sup>2</sup> / fastener)	Parts per 4 x 4' board			Parts per 4 x 8' board				
0 <	< P <u>&lt;</u> -120.0		1.0		16		32				

	TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER										
Assembly	Culture	Base Insulation Layer (s)		Top Insulation Layer (s)			Roof Cover				
No.	Substrate	Туре	Attach	Туре	Attach		Membrane	Attach			
121		Min. 2.0" ISO 95+	Elevate All-Purpose Fasteners with Elevate Insulation Fastening Plates ( <b>Steel</b> ) Or	Min. 1.0" ISO	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide ribbons spaced 12" o.c. or		RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA- 2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.			
(SC-69)	Min. 22 ga., Type B, Grade 80 steel max 6'	a.,GLElevate Heavy-Duty Fasteners or Concrete Drive Fasteners with Elevate Insulation Fastening Plates (Concrete)95+ GLElevate I.S.O. Stick Adhesive or Elevate I.S.O.6'6'95+ GL95+ GL95+ GLFIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.		RubberGard EPDM SA or FullForce EPDM	Self-adhered						
122 (SC-70)	spans ( <b>New</b> ) or structural concrete ( <b>New or</b> <b>Recover</b> )	Min. 2.0" GenFlex ISO Insulation	GenFast AP Fasteners with GenFast 3" Round Insulation Plates ( <b>Steel</b> ) Or GenFlex Heavy Duty Fasteners or GenFast Concrete Drive Fasteners with GenFast 3" Round Insulation ( <b>Concrete</b> )	Min. 1.0" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"- 1" wide ribbons spaced 12" o.c.		GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.			
Docian P	ressure (psf)		1	Insulation Attachment			1				
Design P	ressure (psr)		Density (ft <sup>2</sup> / fastener)	Parts per 4 x 4' board			Parts per 4 x 8' board				
0 < P	9 <u>&lt;</u> -127.5		1.0		16		32				

#### TABLE 2-D (Continued): ELEVATE EPDM AND GENFLEX EPDM - NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER **Base Insulation Layer (s) Top Insulation Layer (s) Roof Cover** Assembly Substrate No. Type Attach Type Attach Membrane Attach Elevate I.S.O. Twin Pack Elevate All-Purpose Fasteners Adhesive applied in 1/2"with Elevate Insulation 3/4" wide ribbons spaced RubberGard FR<sup>®</sup>, LS-Fastening Plates (Steel) 12″ o.c. Min. 0.5" FR<sup>®</sup>, LS-FR PT<sup>®</sup>, Single-Ply LVOC Bonding Or or Min. 2.0" 123 ISOGARD Platinum<sup>®</sup>, MAX<sup>®</sup>, Adhesive 1168 applied at (SC-71) ISO 95+ GL **Elevate Heavy-Duty Fasteners** Elevate I.S.O. Stick HD MAX FR<sup>®</sup>, MAX PT<sup>®</sup> a rate of 45-60 ft<sup>2</sup>/gal. or Concrete Drive Fasteners Adhesive or Elevate I.S.O. or EcoWhite® Min. 22 ga., Type with Elevate Insulation FIX II Adhesive applied in B, Grade 80 steel Fastening Plates (**Concrete**) 3/4"-1" wide ribbons max 6' spans spaced 12" o.c. (New) or OlyBond 500 applied in structural GenFast AP Fasteners with 1/2"-3/4" wide ribbons concrete (New or GenFast 3" Round Insulation spaced 12" o.c. Recover) Plates (Steel) GenFlex II FR EPDM, Min. 2.0" or EZ TPO Bonding Min. 0.5" Or AFR EPDM, AFR PT, 124 GenFlex GenFlex One Step Adhesive LVOC 1168 GenFlex HD AFR, II FRM, II FRM-GenFlex Heavy Duty ISO Insulation Adhesive or applied at a rate of 45-60 (SC-72) ISO FR, II FRM PT or Fasteners or GenFast Insulation GenFlex I.S.O. FIX II ft<sup>2</sup>/gal. FlexWhite FPDM Concrete Drive Fasteners Adhesive applied in 3/4"with GenFast 3" Round 1" wide ribbons spaced Insulation (**Concrete**) 12″ o.c. **Insulation Attachment** Design Pressure (psf) Density (ft<sup>2</sup> / fastener) Parts per 4 x 8' board Parts per 4 x 4' board 0 < P <u><</u> -135.0 1.0 16 32

	TABLE 3-A: ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER									
Assembly	Substrate	Insulat	ion Layer (s)		Roof Cover					
No.		Туре	Attach	Membrane	Fastener					
125 (SC-73)	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5" ISO 95+ GL		RubberGard MAX <sup>®</sup>	Elevate All-Purpose Fasteners with Elevate Metal Batten Strips or Elevate V-Plates					
126 (SC-74)	max 6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation	Preliminarily attached	GenFlex II FRM	GenFast AP with GenFlast Batten Strips or GenFast Venting Seam Plates					
Design	Pressure (psf)	Membrane Attachment								
0 <	< P <u>&lt;</u> -52.5	6" o.c. fastener spacing at 6" laps and 114" o.c.								

	TABLE 3-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER									
Assembly	Substrate	Insulation	n Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Membrane	Fastener					
127 (SC-75)	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5" ISO 95+ GL		RubberGard MAX <sup>®</sup> , MAX FR <sup>®</sup> or MAX PT <sup>®</sup>	Elevate Heavy Duty Fasteners with Elevate Polymer Batten Strips					
128 (SC-76)	max 6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation	Preliminarily attached	GenFlex II FRM, II FRM-FR or II FRM PT	GenFlex Heavy Duty Fasteners with GenFast <sup>3</sup> ⁄4" Polymer Batten Strips					
Design	Pressure (psf)	Membrane Attachment								
0 <	< P <u>&lt;</u> -52.5		6" o.c. fastener	spacing at 6" laps and 84" o.c.						

	TABLE 3-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER									
Assembly	Substrate	Insulation Layer (s)		Roof Cover						
No.	Substrate	Туре	Attach	Membrane	Fastener					
129 (SC-77)	Min. 22 ga., Type B, Grade 33 steel max 5' spans or	Min. 1.5" thick, one or	Preliminarily attached	RubberGard MAX®	Elevate All-Purpose Fasteners with Elevate Seam Plates					
130 (SC-78)	structural concrete	more layers, any combination		GenFlex II FRM	GenFast AP Fasteners with GenFast 2" Metal Seam Plates					
De	esign Pressure (psf)	Membrane Attachment								
	0 < P <u>&lt;</u> -45.0			12" o.c. fastener spac	ing at 7" laps and 84" o.c.					

	TABLE 3-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER									
Assembly	Calestante	Insulation Layer (s)		Roof Cover						
No.	Substrate	Туре	Attach	Membrane	Fastener					
131 (SC-79)	Min. 22 ga., Type B, Grade 33 steel max	Min. 1.5" thick, one or more layers, any combination	Preliminarily	RubberGard MAX <sup>®</sup>	Elevate All-Purpose Fasteners with Elevate Batten Strips					
132 (SC-80)	6' spans or structural concrete		attached	GenFlex II FRM	GenFast AP Fasteners with GenFast Batten Strips					
Desig	n Pressure (psf)	Membrane Attachment								
0	< P <u>&lt;</u> -45.0			6" o.c. fastener spacing at	: 6" laps and 114" o.c.					

	TABLE 3-A (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER									
Assembly	Substrate	Insulation Lay	yer (s)	Roof	Cover					
No.		Туре	Attach	Membrane	Fastener					
133 (SC-81)	Min. 22 ga., Type B, Grade 80 steel max 6'	Min. 1.5" ISO 95+ GL	GL Preliminarily	Min. 60 mil RubberGard MAX® or MAX FR®	Elevate All-Purpose Fasteners with Elevate V- Plates					
134 (SC-82)	spans or structural concrete	Min. 1.5" GenFlex ISO Insulation	attached	Min. 60 mil GenFlex II FRM or II FRM-FR	GenFast AP Fasteners with GenFast Venting Seam Plates					
Desig	ın Pressure (psf)	Membrane Attachment								
0	) < P <u>&lt;</u> -52.5			6" o.c. fastener spacing at 6" laps and 114"	O.C.					

	TABLE 3-B: ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER									
Assembly	Culture	Insulation	n Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Membrane	Fastener					
135 (SC-83)	Min. 22 ga., Type B, Grade 33 steel	Min. 1.5" thick, one or more layers, any combination	Dualiasia a vito atta ale al	RubberGard LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or MAX PT <sup>®</sup>	Elevate Purlin Fasteners or Elevate Heavy Duty Fasteners with Elevate Coiled Metal Batten Strips					
136 (SC-84)	max 6' spans or structural concrete		Preliminarily attached	GenFlex AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR or II FRM PT	GenFast Purlin Fasteners or GenFlex Heavy Duty Fasteners with GenFast Polymer Batten Strips					
Design	Pressure (psf)	Membrane Attachment								
0 <	< P <u>&lt;</u> -45.0		Fasteners 6" o.c. throug	h batten within 6" laps spaced <sup>-</sup>	72" o.c.					

		. ,		/ CONSTRUCTION, REROOF (Te ION, MECHANICALLY ATTACH				
Assembly	Calestrate	Insulation	n Layer (s)		Roof Cover			
No.	Substrate	Туре	Attach	Membrane	Fastener			
137 (SC-85)	Min. 22 ga., Type B, Grade 33 steel max 6' spans or structural concrete	Min. 1.5" thick, one or more layers, any combination		RubberGard LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or MAX PT <sup>®</sup>	Elevate Purlin Fasteners or Elevate Heavy Duty Fasteners with Elevate Coiled Metal Batten Strips			
138 (SC-86)			Preliminarily attached	GenFlex AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR or II FRM PT	GenFast Purlin Fasteners or GenFlex Heavy Duty Fasteners with GenFast Polymer Batten Strips			
Design	Pressure (psf)	Membrane Attachment						
0 <	< P <u>&lt;</u> -45.0		Fasteners 12" o.c. thro	ugh batten within 6" laps spaced	84" o.c.			

	TABLE 3-B (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER									
Assembly	Cubatrata	Insulatio	n Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Membrane	Fastener					
139 (SC-87)	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5" ISO 95+ GL		RubberGard LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or MAX PT <sup>®</sup>	Elevate All-Purpose Fasteners with Elevate Polymer Batten Strips					
140 (SC-88)	max 6' spans or structural concrete	Min. 1.5" GenFlex ISO Insulation	Preliminarily attached	GenFlex AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR or II FRM PT	GenFast AP with GenFast Polymer Batten Strips					
Design	Pressure (psf)	Membrane Attachment								
0 <	< P <u>&lt;</u> -45.0				red over each strip and fastened 6" o.c. Roof nen rolling into place with a hand roller.					

		· /	I AND GENFLEX EPDM – NEW ( NARILY ATTACHED INSULATIO	· ·	•		
Assembly	C. hat with	Insulatio	n Layer (s)		Roof Cover		
No.	Substrate	Туре	Attach	Membrane	Fastener		
141 (SC-89)	Min. 22 ga., Type B, Grade 33 steel max 6' spans	Min. 1.5" thick, one or more layers, any combination		RubberGard MAX <sup>®</sup> , MAX FR <sup>®</sup> or MAX PT <sup>®</sup>	Elevate Heavy Duty Fasteners with Elevate Coiled Metal Batten Strips		
142 (SC-90)	(New) or structural concrete (New or Recover)		Preliminarily attached	GenFlex II FRM, II FRM-FR or II FRM PT	GenFlex Heavy Duty Fasteners with GenFast Polymer Batten Strips		
Design	Pressure (psf)	Membrane Attachment					
0 -	< P <u>&lt;</u> -52.5	QuickSeam R.M.A. Strips are applied over the insulation spaced 120" o.c. The batten is centered over each strip and fastened 6" o.c. Roof cover adhered to each strip by first priming with QuickPrime Plus at the strip location, then rolling into place with a hand roller.					

	TABLE 3-B (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER										
Assembly	Substrate	Insulation	n Layer (s)		Roof Cover						
No.	Substrate	Туре	Attach	Membrane	Fastener						
143 (SC-91)	Min. 22 ga., Type B, Grade 33 steel max 6' spans	Min. 1.5" thick, one or more		RubberGard MAX® or MAX FR®	Elevate All-Purpose Fasteners ( <b>Steel Only</b> ) or Elevate Heavy-Duty Fasteners with Elevate V-Plates						
144 (SC-92)	(New) or structural concrete (New or Recover)	layers, any combination	Preliminarily attached	GenFlex II FRM or II FRM-FR	GenFast AP ( <b>Steel Only</b> ) or GenFlex Heavy Duty Fasteners with GenFast Venting Seam Plates						
Design	Pressure (psf)	Membrane Attachment									
0 <	< P <u>&lt;</u> -52.5		6" o.c. fastener	spacing at 7" laps and 84" o.c.							

	TABLE 3-B (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION, REROOF (Tear-Off) or RECOVER STEEL or CONCRETE DECK, PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED ROOF COVER									
Assembly	Substrate	Insulatio	n Layer (s)		Roof Cover					
No.	Substrate	Туре	Attach	Membrane	Fastener					
145 (SC-93)	Min. 22 ga., Type B, Grade 80 steel	Min. 1.5" ISO 95+ GL		RubberGard MAX <sup>®</sup> or MAX FR <sup>®</sup>	Elevate Heavy Duty Fasteners with Elevate Polymer Batten Strips					
146 (SC-94)		Min. 1.5" GenFlex ISO Insulation	Preliminarily attached	GenFlex II FRM or II FRM-FR	GenFlex Heavy Duty Fasteners with GenFast ¾" Polymer Batten Strips					
Design	Pressure (psf)	Membrane Attachment								
0 <	< P <u>&lt;</u> -60.0		Fasteners 12" o.c. throug	h batten within 6" laps spaced ?	114" o.c.					

		τ <i>ι</i>			FLEX EPDM – NEV NDED INSULATIO		ON or REROOF (Tear-O OOF COVER	Off)	
Assembly			Base Insulation	on Layer (s)	Top Insulati	on Layer (s)		Roof Cover	Design
No.	Substrate	Primer	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)
147 (C-1)	(C-1) Structural concrete 148		Min. 1.5" ISO 95+ GL	Hot asphalt	Min. 0.25" DensDeck	Hot asphalt	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup> RubberGard EPDM	Elevate BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal.	-165.0
		ASTM D41					SA or FullForce EPDM	Self-adhered	
148 (C-2)			Min. 1.5" GenFlex ISO Insulation				GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	

		TABLE 4			D GENFLEX EPDM		RUCTION or REROOF ( OOF COVER	(Tear-Off)	
Assembly			Base Insulation	on Layer (s)	Top Insulati	on Layer (s)		Roof Cover	Design
No.	Substrate	Primer	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)
149 (C-3)		Structural concrete ASTM D41 Min. 1.5" ISO 95+ GL Min. 1.5" GenFlex ISO Insulation	Min. 1.5" ISO 95+ GL	(Optional) Min. 1.5" ISO 95+ GL		RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>			
	Structural			Hot asphalt	OL .	Hot asphalt	RubberGard EPDM SA or FullForce EPDM	Self-adhered	-195.0
150 (C-4)			GenFlex ISO		(Optional) Min. 1.5" GenFlex ISO Insulation		GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	

		TA	BLE 4 (Contin	-			W CONSTRUCTION of ONDED ROOF COVER	r REROOF (Tear-Off)	
Assembly			Base Insulation Layer (s)		Top Insulation Layer (s)		Roof Cover		Design
No.	Substrate	Primer	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)
151 (C-5) Structural concrete		None		Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide	Min. 0.5" ISOGARD HD	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide ribbons	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.	
	None		ribbons spaced 12" o.c.		spaced 12" o.c.	RubberGard EPDM SA or FullForce EPDM	Self-adhered	-222.5	
152 (C-6)			GenFlex ISO	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c.	Min. 0.5" GenFlex HD ISO	OlyBond 500 applied in 1/2"- 3/4" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.	
153 (C-7)		ISO Iso	ASTM Stick Adh Min. 1.5" ISO 95+ GL ISO 95+ GL 12" o.c.	Elevate I.S.O. Stick Adhesive applied in 3/4"-1" wide	Min. 0.5" ISOGARD HD	Elevate I.S.O. Stick Adhesive applied in 3/4"-1" wide ribbons spaced	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal	
	Structural concrete					12″ o.c.	RubberGard EPDM SA or FullForce EPDM	Self-adhered	-247.5
154 (C-8)			Min. 1.5" GenFlex ISO Insulation	GenFlex One Step Insulation Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	Min. 0.5″ GenFlex HD ISO	GenFlex One Step Insulation Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.	

TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER									
Assembly	Culture	Base Ir	sulation Layer (s)		Design				
No.	Substrate	Туре	Attach	Membrane	Attach	Pressure (psf)			
155 (C-9)		Min. 0.5" ISOGARD	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100- 120 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.				
	Structural concrete	HD	spaced 12" o.c.	RubberGard EPDM SA or FullForce EPDM	Self-adhered	-300.0			
156 (C-10)		Min. 0.5" GenFlex HD ISO	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR, II FRM, II FRM-FR or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45- 60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.				
157 (C-11)	Structural	Min. 0.5" ISOGARD HD	Elevate I.S.O. Stick Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	RubberGard EcoWhite®	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100- 120 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.	405.0			
158 (C-12)	concrete	Min. 0.5" GenFlex HD ISO	GenFlex One Step Insulation Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	GenFlex FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45- 60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.	-405.0			

	TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER											
Assembly		Base Insula	tion Layer (s)	Top Insu	lation Layer (s)		Roof Cover	Design				
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)				
159 (C-13)		First Layer: Min. 1.5" ISO 95+ GL Second Layer (Optional): Min. 1.5" ISO 95+ GL	Adhesive applied	Min. 0.5" ISOGARD		RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal					
	Structural					RubberGard EPDM SA or FullForce EPDM	Self-adhered	2475				
160 (C-14)	Structural concrete	First Layer: Min. 1.5" GenFlex ISO Insulation Second Layer (Optional): Min. 1.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"- 3/4" wide ribbons spaced 12" o.c.	Min. 0.5" GenFlex HD ISO	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.	-247.5				

		TABLE 4 (Co	-		NFLEX EPDM – NEW CO D INSULATION, BONDI	ONSTRUCTION or REROOF	· (Tear-Off)	
Assembly		Base Insu	llation Layer (s)	Тор Іі	nsulation Layer (s)	Ro	Design	
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)
161 (C-15)	Structural	First Layer: Min. 1.5" ISO 95+ GL Second Layer (Optional): Min. 1.5" ISO 95+ GL	Elevate I.S.O. FIX II Adhesive or Elevate I.S.O. Stick Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	Min. 0.5" ISOGARD HD	Elevate I.S.O. FIX II Adhesive or Elevate I.S.O. Stick Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup> RubberGard EPDM SA or FullForce EPDM	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal Self-adhered	
162 (C-16)	concrete	First Layer: Min. 1.5" GenFlex ISO Insulation Second Layer (Optional): Min. 1.5" GenFlex ISO Insulation	GenFlex I.S.O. FIX II Adhesive or GenFlex One Step Insulation Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	Min. 0.5″ GenFlex HD ISO	GenFlex I.S.O. FIX II Adhesive or GenFlex One Step Insulation Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.	-277.5

	TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER										
Assembly		Base Insulation	n Layer (s)	Top In	sulation Layer (s)	I	Design				
No.	Substrate	Туре	Attach	Type Attach		Membrane	Attach	Pressure (psf)			
163 (C-17)	Structural	First Layer: Min. 1.5" ISO 95+ GL Second Layer (Optional): Min. 1.5" ISO 95+ GL	Elevate I.S.O. Stick Adhesive applied in 3/4"- 1" wide ribbons spaced 12" o.c.	Min. 0.5" ISOGARD HD	Elevate I.S.O. Stick Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup> RubberGard EPDM SA or FullForce EPDM	Bonding Adhesive BA-2004 T applied at a rate of 45-60 ft <sup>2</sup> /gal or EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal Self-adhered				
164 (C-18)	concrete	First Layer: Min. 1.5" GenFlex ISO Insulation Second Layer (Optional): Min. 1.5" GenFlex ISO Insulation	GenFlex One Step Insulation Adhesive applied in 3/4"- 1" wide ribbons spaced 12" o.c.	Min. 0.5" GenFlex HD ISO	GenFlex One Step Insulation Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45- 60 ft <sup>2</sup> /gal or GenFlex EPDM Solvent Free Bonding Adhesive applied at a rate of 150 ft <sup>2</sup> /gal.	-322.5			

		TAB	BLE 4 (Conti	-	TE EPDM AND GENFLEX I TE DECK, BONDED INSU			ROOF (Tear-Off)		
Assembly			Vapor	ſ	nsulation Layer (s)		lation Layer (s)	Ro	of Cover	Design
No.	Substrate	Primer	Barrier	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)
165 (C-19)	Structural	Elevate SA Primer applied at a rate of	MB Base SA, self-	First Layer: Min. 1.5" ISO 95+ GL Second Layer (Optional): Min. 1.5" ISO 95+ GL	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	Min. 0.5" ISOGARD HD or min. 2" ISOGARD HD Composite	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup> RubberGard EPDM SA or FullForce EPDM	Elevate BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive- P applied at a rate of 100-120 ft <sup>2</sup> /gal. Self-adhered	-90.0
166 (C-20)	concrete	200 ft²/gal to concrete	adhered	First Layer: Min. 1.5" GenFlex ISO Insulation Second Layer (Optional): Min. 1.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	Min. 0.5" GenFlex ISO Insulation or min. 2" GenFlex HD Composite ISO	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal.	

		TAE	BLE 4 (Cont	,			M – NEW CONSTRUCT ION, BONDED ROOF C	•	ear-Off)	
Assembly			Vapor	Base Insulation Layer (s)		Top Insulation Layer (s)		Roof Cover		Design
No.	Substrate	Primer	Barrier	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)
167 (C-21)				First Layer: Min. 1.5" ISO 95+ GL Second Layer	Elevate I.S.O. Stick Adhesive applied in 3/4"-1" wide ribbons		Elevate I.S.O. Stick Adhesive applied in 3/4"-1" wide ribbons spaced 12"	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS- FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Elevate BA-2004 T or Single- Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	
		Elevate SA Primer	МВ	( <b>Optional):</b> Min. 1.5" ISO 95+ GL	spaced 12" o.c.	Min. 0.25"	O.C.	RubberGard EPDM SA or FullForce EPDM	Self-adhered	
168 (C-22)	Structural concrete	applied at a rate of 200 ft <sup>2</sup> /gal to concrete	Base SA, self- adhered	First Layer: Min. 1.5" GenFlex ISO Insulation Second Layer (Optional): Min. 1.5" GenFlex ISO Insulation	GenFlex One Step Insulation Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	DensDeck or DensDeck Prime	GenFlex One Step Insulation Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.	-90.0

		TA	ABLE 4 (Cor	ntinued): ELEVATE El	PDM AND GENFL DECK, BONDED II				Tear-Off)	
Accombly			Vapor	Base Insulatio			ation Layer (s)		Roof Cover	Design Pressure (psf)
Assembly No.	Substrate	Primer	Vapor Barrier	Туре	Attach	Туре	Attach	Membrane	Attach	
169 (C-23)		Elevate SA Primer		First Layer: Min. 1.5″ ISO 95+ GL Second Layer (Optional): Min. 1.5″ ISO 95+ GL	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide ribbons spaced	HD	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS- FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup> RubberGard	Elevate BA-2004 T or Single- Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal.	
	Structural concrete	applied at a rate of 200	MB Base SA, self-		8″ o.c.		spaced 8" o.c.	EPDM SA or FullForce EPDM	Self-adhered	-112.5
170 (C-24)		ft <sup>2</sup> /gal to concrete	adhered	First Layer: Min. 1.5" GenFlex ISO Insulation Second Layer (Optional): Min. 1.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 8" o.c.	Min. 0.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 8" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal.	

		Т	ABLE 4 (Co	ntinued): ELEVATE E	PDM AND GENF DECK, BONDED I				(Tear-Off)	
Assembly			Vapor	Base Insulatio		1	ation Layer (s)	Roof Cover		Design
No.	Substrate	Primer	Barrier	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)
171 (C-25)		Elevate SA Primer		First Layer: Min. 1.5" ISO 95+ GL Second Layer (Optional): Min. 1.5" ISO 95+ GL	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons	Min. 0.25″	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS- FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Elevate BA-2004 T or Single- Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	
	Structural concrete	applied at a rate of 200	MB Base SA, self- adhered	1.5 150 557 62	spaced 8" o.c.	DensDeck or DensDeck	spaced 8" o.c.	RubberGard EPDM SA or FullForce EPDM	Self-adhered	-112.5
172 (C-26)		ft <sup>2</sup> /gal to concrete		First Layer: Min. 1.5" GenFlex ISO Insulation Second Layer (Optional): Min. 1.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 8" o.c.	Prime	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 8" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.	

	TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER										
Assembly		Base Insulation Layer (s)		Top Insulation	on Layer (s)	Ro	Design				
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)			
173 (C-27)		Min. 1.5″ ISO 95+ GL	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced	(Optional)	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Elevate BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.				
	Structural concrete		12″ o.c.	Additional layer(s) of the same base insulation	ribbons spaced 12" o.c.	RubberGard EPDM SA or FullForce EPDM	Self-adhered	-157.5			
174 (C-28)		Min. 1.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c.	insulation	OlyBond 500 applied in 1/2"- 3/4" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.				

	TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER										
Assembly		Base Insulation Layer (s)		Top Insulati	on Layer (s)	Ro	Design				
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)			
175 (C-29)	Structural	Min. 1.5" ISO 95+ GL	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c.	Min. 0.5″ ISOGARD HD	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide ribbons spaced 12" o.c.	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal	-225.0			
176 (C-30)		Min. 1.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c.	Min. 0.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"- 3/4" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal				

	TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER										
Assembly		Base Insul	ation Layer (s)	Top Insulati	Top Insulation Layer (s)		oof Cover	Design			
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)			
177 (C-31)		Min. 1.5" ISO 95+ GL followed by an optional second layer of min. 1.5" ISO 95+ GL	Elevate I.S.O. Stick Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	Min. 0.25"	Elevate I.S.O. Stick Adhesive applied in 3/4"- 1" wide ribbons spaced 12" o.c.	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup> RubberGard EPDM SA or FullForce	Elevate BA-2004 T Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal. Self-adhered				
178 (C-32)	Structural concrete	Min. 1.5" GenFlex ISO Insulation followed by an optional second layer of min. 1.5" GenFlex ISO Insulation	GenFlex One Step Insulation Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	DensDeck or DensDeck Prime	GenFlex One Step Insulation Adhesive applied in 3/4"- 1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	-232.5			

		TABLE 4 (Conti	•		I – NEW CONSTRUCTION	. ,		
Assembly		Base Insul	ation Layer (s)	Top Insu	llation Layer (s)	Roof C	Design	
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)
179		Min. 1.5" ISO 95+	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or	(Optional) Min. 1.5" ISO 95+ GL	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Elevate BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.	
(C-33)	Structural	GL	Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	followed by min. 1.0" ISO 95+ GL	Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	RubberGard EPDM SA or FullForce EPDM	Self-adhered	-247.5
180 (C-34)	concrete	Min. 1.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	(Optional) Min. 1.5" GenFlex ISO Insulation followed by min. 1.0" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.	

		TABLE 4 (Conti	nued): ELEVATE EPDM / CONCRETE DECK,	AND GENFLEX EPDN BONDED INSULATIO			ar-Off)	
Assembly		Base Insul	ation Layer (s)	Top Insulati	on Layer (s)	Ro	of Cover	Design
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)
181 (C-35)	Structural	Min. 1.5" ISO 95+ GL	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c.	Min. 0.5″ ISOGARD HD	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide ribbons spaced 12" o.c.	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup> RubberGard EPDM SA or FullForce	Elevate BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal. Self-adhered	-247.5
182 (C-36)	Concrete	Min. 1.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c.	Min. 0.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"- 3/4" wide ribbons spaced 12" o.c.	EPDM GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.	

	TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER										
Assembly		Base Insul	ation Layer (s)	Top Insulation Layer (s)		Ro	of Cover	Design			
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)			
183 (C-37)	Structural	Min. 1.5" ISO 95+ GL	Elevate I.S.O. Stick Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.		Elevate I.S.O. Stick Adhesive applied in 3/4"- 1" wide ribbons spaced 12" o.c.	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup> RubberGard EPDM SA or FullForce	Elevate BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.				
	concrete		Min. 7/16" OSB		EPDM		-247.5				
184 (C-38)		Min. 1.5" GenFlex ISO Insulation	GenFlex One Step Insulation Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.		GenFlex One Step Insulation Adhesive applied in 3/4"- 1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal.				

	TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off)         CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER											
Assembly		Base	Insulation Layer (s)	Тор	Insulation Layer (s)	Roof Cover		Design				
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)				
185 (C-39)	Structural	Min. 1.5" ISO 95+ GL	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	Min. 0.25″	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"- 3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal					
186 (C-40)	concrete	Min. 1.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	DensDeck Prime	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal	-262.5				

	TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER										
Assembly		Base Insulation Layer (s)		Top Insulation Layer (s)		Ro	Design				
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)			
187 (C-41)	Structural	Min. 1.5" ISO 95+ GL	Elevate I.S.O. Stick Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	(Optional) Min. 1.5" ISO 95+ GL	Elevate I.S.O. Stick Adhesive applied in 3/4"- 1" wide ribbons spaced 12" o.c.	RubberGard FR <sup>®</sup> , LS- FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup> RubberGard EPDM SA or FullForce EPDM	Elevate BA-2004 T Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal. Self-adhered	-270.0			
188 (C-42)	concrete	Min. 1.5" GenFlex ISO Insulation	GenFlex One Step Insulation Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	(Optional) Min. 1.5" GenFlex ISO Insulation	GenFlex One Step Insulation Adhesive applied in 3/4"- 1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM- FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal.				

	TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER											
Assembly	Substrate	Т	op Insulation Layer (s)		Roof Cover	Design						
No.	Туре	Туре	Attach	Membrane	Attach	Pressure (psf)						
189 (C-43)		Min. 0.5" ISOGARD HD Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 4" o.c. or Elevate I.S.O. Stick Adhesive		RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Bonding Adhesive BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 4560 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal.							
	Structural		applied in 3/4"-1" wide ribbons spaced 12" o.c.	RubberGard EPDM SA or FullForce EPDM	Self-adhered	260.0						
190 (C-44)	concrete	Min. 0.5" GenFlex ISO Insulation	GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 4" o.c. or GenFlex One Step Insulation Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal.	-360.0						

	TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER										
Assembly No.		Base Insulation Layer (s)		Top Insulation Layer (s)		Roof Cover		Design			
	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)			
191 (C-45)		(Optional) Min. 1.5" RESISTA	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive	(Optional) Min. 1.5" RESISTA followed by min. 0.5" ISOGARD HD	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Elevate BA-2004 T or Single-Ply LVOC Bonding Adhesive applied at a rate of 45-60 ft <sup>2</sup> /gal or Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal.				
	Structural concrete		applied in 3/4"-1" wide ribbons spaced 12" o.c.		applied in 3/4"-1" wide ribbons spaced 12" o.c.	RubberGard EPDM SA or FullForce EPDM	Self-adhered	-360.0			
192 (C-46)		(Optional) Min. 1.5″ Coated Glass Facer	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	(Optional) Min. 1.5" Coated Glass Facer followed by min. 0.5" GenFlex ISO Insulation	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex All Purpose Bonding Adhesive or GenFlex EPDM Bonding Adhesive LVOC applied at a rate of 45-60 ft <sup>2</sup> /gal or GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal.				

	TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off)         CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER										
Assembly		Base Insul	ation Layer (s)	Top Insulation Layer (s)		Roof Cover		Design			
No.	Substrate	Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)			
193 (C-47)	Structural concrete	Min. 1.5" RESISTA	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	(Optional) Min. 1.5" RESISTA followed by min. 0.5" RESISTA	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Water Based Bonding Adhesive-P applied at a rate of 100-120 ft <sup>2</sup> /gal				
194 (C-48)		Min. 1.5" Coated Glass Facer	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	(Optional) Min. 1.0" Coated Glass Facer followed by min. 0.5" Coated Glass Facer	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	GenFlex Water Based Bonding Adhesive applied at a rate of 100-120 ft <sup>2</sup> /gal	- 405.0			

	TABLE 4 (Continued): ELEVATE EPDM AND GENFLEX EPDM – NEW CONSTRUCTION or REROOF (Tear-Off) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER										
Assembly No.	Substrate	Base Insulation Layer (s)		Top Insulation Layer (s)		Roof Cover		Design			
		Туре	Attach	Туре	Attach	Membrane	Attach	Pressure (psf)			
195 (C-49)	Structural	Min. 1.0" RESISTA	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	(Optional) Min. 1.0" RESISTA	Elevate I.S.O. Twin Pack Adhesive applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or Elevate I.S.O. Stick Adhesive or Elevate I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	RubberGard FR <sup>®</sup> , LS-FR <sup>®</sup> , LS-FR PT <sup>®</sup> , Platinum <sup>®</sup> , MAX <sup>®</sup> , MAX FR <sup>®</sup> , MAX PT <sup>®</sup> or EcoWhite <sup>®</sup>	Single-Ply LVOC Bonding Adhesive 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal				
196 (C-50)	Structural concrete	Min. 1.0" Coated Glass Facer	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	(Optional) Min. 1.0" Coated Glass Facer	OlyBond 500 applied in 1/2"-3/4" wide ribbons spaced 12" o.c. or GenFlex One Step Insulation Adhesive or GenFlex I.S.O. FIX II Adhesive applied in 3/4"-1" wide ribbons spaced 12" o.c.	GenFlex II FR EPDM, AFR EPDM, AFR PT, AFR, II FRM, II FRM-FR, II FRM PT or FlexWhite EPDM	EZ TPO Bonding Adhesive LVOC 1168 applied at a rate of 45-60 ft <sup>2</sup> /gal	- 450.0			

**Note:** Keep the manufacturer's installation instructions available on the job site during the installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.