TDI | Texas Department of Insurance

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

Product Evaluation

RC96 | 0319

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-96

Effective Date: March 1, 2019
Re-evaluation Date: March 2023

Product Name: Polyglass Modified Bitumen Roofing Systems

Manufacturer: Polyglass USA, Inc.
1111 W. Newport Center Drive
Deerfield Beach, FL 33442
(954) 233-1230

Mule-Hide Products, Inc.
1195 Prince Hall Dr.
Beloit, WI 53511

Beacon Roofing Supply, Inc.
505 Huntmar Park Drive, Suite 300
Herndon, VA 20170

General Description:

- **Polyglass G2 Base** is an asphaltic, fiberglass reinforced base sheet with a sanded top surface.
- **Elastobase P** is a modified bitumen, polyester reinforced base sheet that may be used in hot asphalt, cold adhesive, mechanically fastened or self-adhered applications.
- **Elastobase** is a modified bitumen coated fiberglass reinforced base sheet.
- **Elastoshield HT** is a modified bitumen coated fiberglass reinforced base sheet.
- **Modibase** is a modified bitumen, fiberglass reinforced base sheet.
- **Ply IV** is a modified bitumen coated heavyweight fiberglass reinforced ply sheet.
- **Ply VI** is a modified bitumen coated heavyweight fiberglass reinforced ply sheet.
- **Polyglass Base** is a torch applied, fiberglass reinforced, APP modified bitumen membrane with poly-film top and bottom surfaces.
- **Elastoflex SA V** is a nominal 60-mil (1.5-mm) thick, self-adhering, fiberglass reinforced modified bitumen membrane with a smooth top surface.
- **Elastoflex SA V FR** is a nominal 60-mil (1.5-mm) thick, self-adhering, fiberglass reinforced modified bitumen membrane with a smooth top surface and fire-retardant chemistry
- **Elastoflex SA V PLUS** is a nominal 80-mil (2.0-mm) thick, self-adhering, fiberglass reinforced modified bitumen membranes with a smooth top surface.
- **Elastoflex SA V PLUS FR** is a nominal 80-mil (2.0-mm) thick, self-adhering, fiberglass reinforced modified bitumen membrane with a smooth top surface and fire-retardant chemistry.
- **Elastoflex SA P** is a self-adhering, polyester reinforced modified bitumen membrane with a granule top surface.
- **Elastoflex SA P FR** is a self-adhering, polyester reinforced modified bitumen membranes with a granule top surface and fire-retardant chemistry.
- **Elastoflex S6** is a torch, hot asphalt, or cold adhesive applied polyester reinforced, modified bitumen membranes with a polyethylene or sanded top surface.
- **Elastoflex S6 HP** is a torch, hot asphalt, or cold adhesive applied polyester reinforced, modified bitumen membranes with a polyethylene or sanded top surface.
- **Elastoflex S6 G** is a torch, hot asphalt, or cold adhesive applied polyester reinforced, modified bitumen membrane with a granule top surface.
- **Elastoflex S6 G FR** is a torch, hot asphalt, or cold adhesive applied polyester reinforced, modified bitumen membranes with a granule top surface and fire-retardant chemistry.
- **Elastoflex V** is a torch, hot asphalt, or cold adhesive applied fiberglass reinforced, modified bitumen membrane with a sanded top surface.
- **Elastoflex V G** is a torch, hot asphalt, or cold adhesive applied fiberglass reinforced, modified bitumen membrane with a granule top surface.
- **Elastoflex V G FR** is a torch, hot asphalt, or cold adhesive applied fiberglass reinforced, modified bitumen membranes with a granule top surface and fire-retardant chemistry.
- **Elastoshield TS G** is a torch, hot asphalt, or cold adhesive applied polyester reinforced, modified bitumen membrane with a granule top surface.
- **Elastoshield TS G FR** is a torch, hot asphalt, or cold adhesive applied polyester reinforced, modified bitumen membrane with a granule top surface and fire-retardant chemistry.

- **Polybianko** is a self-adhered, polyester reinforced, modified bitumen membrane with a reflective white film laminate on the top surface.
- **Polybond** is a torch applied polyester reinforced, modified bitumen membrane with a smooth or sanded top surface.
- **Polybond G** is a torch applied polyester reinforced, modified bitumen membrane with a granule top surface.
- **Polyflex** is a torch applied polyester reinforced, modified bitumen membranes with a smooth or sanded top surface.
- **Polyflex G** is a torch applied polyester reinforced, modified bitumen membrane with a granule top surface.
- **Polyflex G FR** is a torch applied polyester reinforced, modified bitumen membranes with a granule top surface and fire-retardant chemistry.
- **Polyflex SA P** is an elastomeric, polyester reinforced membrane consisting of an APP compound on the top layer and a self-adhesive compound on the bottom layer.
- **Polyflex SA P FR** is an elastomeric, polyester reinforced membranes consisting of an APP compound on the top layer, a self-adhesive compound on the bottom layer and fire-retardant chemistry.
- **Polyfresko G SA** is a self-adhered, polyester reinforced, APP modified bitumen membrane with a self-adhering back face, and a reflective white granule top surface
- **Polyfresko G SA FR** is a self-adhered, polyester reinforced, APP modified bitumen membrane with a self-adhering back face, a reflective white granule top surface and fire-retardant chemistry.
- **Polyfresko G SBS SA** is a self-adhered, polyester reinforced, SBS modified bitumen membrane with a self-adhering back face, and a reflective white granule top surface.
- **Polyfresko G SBS SA FR** is a self-adhered, polyester reinforced, SBS modified bitumen membrane with a self-adhering back face, a reflective white granule top surface and fire-retardant chemistry.
- **Polyfresko G SBS** is a hot asphalt applied SBS modified bitumen membrane with reflective white granules on the top surface.
- **Polyfresko G SBS FR** is a hot asphalt applied SBS modified bitumen membrane with reflective white granules on the top surface and fire-retardant chemistry.
- **Polyfresko G** is a torch applied APP modified bitumen membranes with reflective white granules on the top surface.
- **Polyfresko G FR** is a torch applied APP modified bitumen membrane with reflective white granules on the top surface and fire-retardant chemistry.
- **PolyKool** is a self-adhered, polyester reinforced, modified bitumen membranes with a reflective white film laminate on the top surface.

Mule-Hide Products Co., Inc. Products

- **Nail Base** is an SBS modified bitumen, fiberglass reinforced base sheet with a sand finish on the bottom surface and a polyolefin film top surface.
- **SA Base Sheet** is a nominal 60-mil (1.5-mm) thick, self-adhering, fiberglass reinforced modified bitumen membrane with a smooth top surface.
- **SA Base Sheet (FR)** is a nominal 60-mil (1.5-mm) thick, self-adhering, fiberglass reinforced modified bitumen membrane with a smooth top surface and fire-retardant chemistry

- **SA-SBS Cap Sheet** is a self-adhered, polyester reinforced, SBS modified bitumen membrane with a self-adhering back face and a granule top surface.
- **SA-SBS Cap Sheet (FR)** is a self-adhered, polyester reinforced, SBS modified bitumen membrane with a self-adhering back face and a granule top surface, and fire-retardant chemistry.
- **SA-APP Cap Sheet** is a self-adhered, polyester reinforced, APP modified bitumen membrane with a self-adhering back face and a granule top surface.
- **SA-APP Cap Sheet (FR)** is a self-adhered, polyester reinforced, modified bitumen membrane with a self-adhering back face, a granule top surface, and fire-retardant chemistry.
- **SA-SBS KoolCap** is a self-adhered, fiberglass reinforced, SBS modified bitumen membrane with a self-adhering back face and a granule top surface.
- **SA-SBS KoolCap (FR)** is a self-adhered, fiberglass reinforced, SBS modified bitumen membrane with a self-adhering back face and a granule top surface.
- **SA-APP KoolCap** is a self-adhered, polyester reinforced, APP modified bitumen membrane with a self-adhering back face and granule top surface.
- **SA-APP KoolCap (FR)** is a self-adhered, polyester reinforced, APP modified bitumen membrane with a self-adhering back face and a granule top surface.
- **APP Torch Base** is a torch applied, fiberglass reinforced, APP modified bitumen membrane with poly-film top and bottom surfaces.
- **APP Torch S** is a torch applied polyester reinforced, modified bitumen membrane with a smooth or sanded top surface.
- **APP Torch G** is a torch applied polyester reinforced, modified bitumen membrane with a granule top surface.
- **APP Torch G (FR)** is a torch applied polyester reinforced, modified bitumen membranes with a granule top surface and fire-retardant chemistry.
- **APP Torch KoolCap G** is a torch applied APP modified bitumen membranes with reflective white granules on the top surface.
- **APP Torch KoolCap G FR** is a torch applied APP modified bitumen membrane with reflective white granules on the top surface and fire-retardant chemistry.

Beacon Roofing Supply, Inc.

- **TRI-BUILT APP Smooth** is a torch applied, polyester reinforced, APP modified bitumen membrane with a burn off polyethylene back face and a smooth or sanded top surface.
- **TRI-BUILT APP Granular** is a torch applied, polyester reinforced, APP modified bitumen membrane with a burn off polyethylene back face and a granule top surface.
- **TRI-BUILT SBS Granular** is a torch, hot asphalt or cold adhesive applied, polyester reinforced, SBS modified bitumen membrane with a burn off polyethylene or sanded back face and a granule top surface.
- **TRI-BUILT SA APP Cap** is a self-adhered, polyester reinforced, APP modified bitumen membrane with a self-adhering back face and a granule top surface.
- **TRI-BUILT SA SBS Base** is a self-adhered, fiberglass reinforced, SBS modified bitumen membrane with a self-adhering back face and a smooth top surface.
- **TRI-BUILT SA SBS Cap** is a self-adhered, fiberglass reinforced, SBS modified bitumen membrane with a self-adhering back face and a granule top surface.

Limitations and Installation:
General installation Requirements:
All IRC and the IBC requirements must be satisfied, and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.

For All applications: Roof decks, in which this product is to be installed upon, shall be provided with positive drainage. A minimum roof slope after construction of 1/4" per foot is recommended.

Prime decks were required, in accordance with requirements and recommendations of the primer and deck manufacturer (if applicable). For re-roofing and re-cover applications, prime existing roof surfaces as necessary with Polyglass PG 100 asphalt primer or an asphalt primer meeting ASTM D-41 specification and allow to dry prior to installing the Polyglass roofing system.

When applying the self-adhered membranes to a new wood decking, the wood must be clean and dry. Application of ASTM D-41 asphalt primer is not required. When applying the self-adhered membrane in a re-cover or re-roofing application, cleaning, and priming of the wood decking is required.

The following notes apply to the systems outlined herein:

1. The roof decking must meet or exceed the uplift requirements of the IRC and IBC along with applicable Texas Revisions adopted by TDI. Install as required for resistance to wind loads.
2. Roof framing members shall be spaced a maximum of 24" o.c.
3. Insulation / base sheet fasteners shall be of sufficient length for the following deck engagement:
   - Wood Decking: Minimum 3/4" penetration into deck.
   - Structural Wood Panels: Minimum 3/4" penetration through deck.
4. Unless otherwise noted, insulation adhesive application rates are as follows. Ribbon or bead width is at the time of application; the ribbons/beads must expand as noted in the manufacturer's published instructions.
   - Hot asphalt at 20-40 lbs/square.
   - Dow Insta Stik™ Quik Set Insulation Adhesive is continuous 3/4" to 1" wide ribbons, 12" o.c.
   - Millennium One-Step Foamable Adhesive in continuous 1/4" to 1/2" wide ribbons, 12" o.c.
   - Millennium PG-1 Pump Grade Adhesive in continuous 1/4" to 1/2" wide ribbons, 12" o.c.
   - OMG OlyBond 500 Adhesive in continuous 3/4" to 1" wide ribbons, 12" o.c. (PaceCart or SpotShot). *Note: OlyBond 500 Green Adhesive may be used in any system listing OlyBond 500 Adhesive.*

- ICP Adhesive CR-20 in continuous 2-1/2"-3-1/2" wide ribbons, 12" o.c.
- *Note: When multiple layer(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, adhesive ribbons shall be staggered from layer-to-layer a distance of one-half the ribbon spacing.*
- *Note: The maximum edge distance from the adhesive ribbon to the edge of the insulation board shall be not less than one-half the specified ribbons spacing.*

5. Unless otherwise noted, the insulation may be any polyisocyanurate, polystyrene, fiberboard, perlite and/or gypsum-based insulation board that meet the requirements of the IRC and IBC along with applicable Texas Revisions adopted by TDI.
6. Bonded polyisocyanurate insulation boards shall be maximum 4' x 4'.
7. Unless otherwise noted, all base sheets specified in this report are metric.
8. Unless otherwise noted, all insulations are flat stock or taper board of the minimum thickness noted. Tapered polyisocyanurate at the following thickness limitations may be substituted with the following Maximum Design Pressure (MDP) limitations. In no case shall these values be used to 'increase' the MDP listings in the tables; rather if MDP listing below meets or exceeds that listed for a particular system in the tables, then the thinner board listed below may be used as a drop-in for the equivalent thicker material listed in the table:
   - Insta Stik™ Quik Set Insulation Adhesive: MDP -120.0 psf (min. 1/2" thick)
   - Millennium One-Step Foamable Adhesive: MDP -157.5 psf (min. 1/2" thick)
   - Millennium PG-1 Pump Grade Adhesive: MDP -157.5 psf (min. 1/2" thick) OlyBond 500 or OlyBond Green Adhesive Fastener: MDP -45.0 psf (min. 1/2" Multi-Max FA-3)
   - OlyBond 500 or OlyBond Green Adhesive Fastener: MDP -315.0 psf (min. 1/2" ENRGY 3)
   - OlyBond 500 or OlyBond Green Adhesive Fastener: MDP -487.5 psf (min. 1/2" ACFoam-II)
   - ICP Adhesive CR-20: MDP -117.5 psf (min. 1" thick)

9. Appendix 1

APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE					
Table	**Deck**	**Assembly No.**	**Application**	**Description**	**Page**
1A	Wood	W-1	New, or Reroof (Tear-Off)	Bonded Insulation, Bonded Roof Cover	11
1B	Wood	W-2 – W-4	New, Reroof (Tear-Off) or Recover	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	11-13
1C	Wood	W-5 – W-12	New or Reroof (Tear-Off)	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	14-17
1D	Wood	W-13 – W-14	New or Reroof (Tear-Off)	Mech. Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	18-19
1E	Wood	W-15 – W-16	New, Re-roof (Tear-Off) or Recover	Mech. Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	20-21
1F	Wood	W-17 – W-20	New or Reroof (Tear-Off)	Mech. Attached Insulation, Bonded Roof Cover	22-24
1G	Wood	W-21 – W-22	New, Reroof (Tear-Off) or Recover	Mech. Attached Insulation, Bonded Roof Cover	25-26
1H	Wood	W-23 – W-26	New or Reroof (Tear-Off)	Mech. Attached Base Sheet, Bonded Roof Cover	27-29
1I	Wood	W-27 – W-28	New, Reroof (Tear-Off) or Recover	Mech. Attached Base Sheet, Bonded Roof Cover	29-30
1J	Wood	W-29 – W-41	New or Reroof (Tear-Off)	Non-Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	31-36
1K	Wood	W-42 – W-52C	New, Reroof (Tear-Off) or Recover	Non-Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	37-43
1L	Wood	W-53 – W-56	New or Reroof (Tear-Off)	Non-Insulated, Bonded Roof Cover	44-45
2A	Concrete	C-1 – C-26	New or Reroof (Tear-Off)	Bonded Insulation, Bonded Roof Cover	46-58
2B	Concrete	C-27 – C-31	New or Reroof (Tear-Off)	Non-Insulated, Bonded Roof Cover	59-60
3A	LWC	LWC-1 – LWC-7	New or Reroof (Tear-Off)	Bonded Insulation, Bonded Roof Cover	60-63
3B	LWC	LWC-8	New, Reroof (Tear-Off) or Recover	Non-Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	64
4A	Steel	S-1	New, Reroof (Tear-Off) or Recover	Mech. Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	64
4B	Steel	S-2	New or Reroof (Tear-Off)	Mech. Attached Insulation, Bonded Roof Cover	65
4C	Steel	S-3	New, Reroof (Tear-Off) or Recover	Mech. Attached Insulation, Bonded Roof Cover	65
4D	Steel	S-4 – S-5	New or Reroof (Tear-Off)	Mech. Attached Base Sheet, Bonded Roof Cover	66
4E	Steel	S-6	New, Reroof (Tear-Off) or Recover	Mech. Attached Base Sheet, Bonded Roof Cover	67

10. Unless otherwise noted, refer to the following references for bonded base, ply or cap sheet applications.

TABLE 1: POLYGLASS ROOF COVERS			
Reference	**Layer**	**Material**	**Application**
BP-AA (Base and Ply sheets, Asphalt-Applied)	Base	Polyglass Base, Modibase	Hot asphalt at 20-40 lbs/square
	Ply	ASTM D2178, Type IV, or VI	
SBS-CA1	Base	Elastobase, Elastoshield HT, Elastobase P, Elastoflex V, Elastoflex S6, Elastoflex S6 HP, Elastoshield TS	PG350 at 1.5-2.0 gal/square
	Cap	Elastoflex V, Elastoflex V G, Elastoflex V G FR, Elastoflex S6, Elastoflex S6 HP, Elastoflex S6 G, Elastoflex S6 G FR, Elastoshield TS, Elastoshield TS G, Elastoshield TS G FR, Polyfresko G SBS, Polyfresko G SBS FR	
SBS-AA (SBS, Asphalt-Applied)	Base or Ply	Elastobase, Elastoshield HT, Elastobase P, Elastoflex V, Elastoflex S6, Elastoflex S6 HP, Elastoshield TS, Elastoshield TS FR	Hot asphalt at 20-40 lbs/square
	Cap	Elastoflex V, Elastoflex V G, Elastoflex V G FR, Elastoflex S6, Elastoflex S6 HP, Elastoflex S6 G, Elastoflex S6 G FR, Elastoshield TS, Elastoshield TS FR, Elastoshield TS G, Elastoshield TS G FR, Polyfresko G SBS, Polyfresko G SBS FR	
SBS-TA (SBS, Torch-Applied)	Base or Ply	Elastobase, Elastoshield HT, Elastobase P, Elastoflex V, Elastoflex S6, Elastoflex S6 HP, Elastoshield TS, Elastoshield TS FR	Torch-Applied
	Cap	Elastoflex V, Elastoflex V G, Elastoflex V G FR, Elastoflex S6, Elastoflex S6 HP, Elastoflex S6 G, Elastoflex S6 G FR, Elastoshield TS G, Elastoshield TS G FR, Polyfresko G SBS, Polyfresko G SBS FR	
SBS-SA (SBS, Self-Adhering)	Base or Ply	Elastoflex SA V, Elastoflex SA V PLUS, Elastoflex SA V FR, Elastoflex SA V PLUS FR	Self-Adhering
APP-CA1	Cap	Polyflex G, Polyflex G FR, APP Torch G, APP Torch G (FR)	PG350 at 1.5-2.0 gal/square
APP-TA (APP, Torch-Applied)	Base or Ply	Polyglass Base, Polyflex, Polybond	Torch-Applied
	Cap	Polyflex, Polyflex G, Polyflex G FR, Polybond, Polybond G, Polyfresko G, Polyfresko G FR	
APP-SA (APP, Self-Adhering)	Cap	Polyflex SA P, Polyflex SA P FR, Polyfresko G SA, Polyfresko G SA FR, Polykool, Polybianko	Self-Adhering

11. Mule Hide and Beacon Counterparts

TABLE 2: MULE-HIDE AND BEACON COUNTERPARTS		
POLYGLASS [MANUFACTURER]	**MULE-HIDE [LABELER]**	**BEACON [LABELER]**
Polyglass Base	APP Torch Base	N/A
Elastobase or Elastoshield HT	Nail Base	N/A
Elastobase P	N/A	N/A
Elastoflex SA V	SA Base Sheet	TRI-BUILT SA SBS Base
Elastoflex SA V FR	SA Base Sheet (FR)	N/A
Elastoflex SA P	SA-SBS Cap Sheet	TRI-BUILT SA SBS Cap
Elastoflex SA P FR	SA-SBS Cap Sheet (FR)	N/A
Elastoflex S6 G	N/A	TRI-BUILT SBS Granular
Polyflex	APP Torch S	TRI-BUILT APP Smooth
Polyflex G	APP Torch G	TRI-BUILT APP Granular
Polyflex G FR	APP Torch G (FR)	N/A
Polyfresko G	APP Torch KoolCap G	N/A
Polyfresko G FR	APP Torch KoolCap G FR	N/A
Polyflex SA P	SA-APP Cap Sheet	TRI-BUILT SA APP Cap
Polyflex SA P FR	SA-APP Cap Sheet (FR)	N/A
Polyfresko G SBS SA	SA-SBS KoolCap	N/A
Polyfresko G SBS SA FR	SA-SBS KoolCap (FR)	N/A
Polyfresko G SA	SA-APP KoolCap	N/A
Polyfresko G SA FR	SA-APP KoolCap (FR)	N/A

12. Apply any of the following coatings to the top roof membrane. Apply the coatings in accordance with the manufacturer's installation instructions.

- PG100 – A general all-purpose penetrating asphalt primer.
- PG200 – Non-Fibered Roof Coating or Mule-Hide 111 Non-Fibrated Roof Coating.
- PG300 – Fibered Roof Coating or Mule-Hide 102 Fibrated Roof Coating.
- PG350 – A cold-applied bonding adhesive.
- PG600 – Non-Fibered Aluminum Roof Coating or Mule-Hide 416 Standard Non-Fibrated Aluminum Roof Coating.
- PG650 – Fibered Aluminum Roof Coating or Mule-Hide 406 Standard Fibrated Aluminum Roof Coating.
- PG700 – Elastomeric Roof Coating in white or tinted; PG700 QS Quick drying Reflective Roof Coating in white or tinted; KM Acryl 25 white or tinted; KM Acryl 25 QS white or tinted.
- PG800 – Non-Fibered Asphalt Emulsion Roof Coating or Mule-Hide 311 Emulsion Non-Fibrated.
- Polyplus 60 – Premium Non-Fibered Aluminum Roof Coating or Mule-Hide 410 Premium Non-Fibrated Aluminum Roof Coating.
- Polyplus 65 – Premium Fibered Aluminum Roof Coating or Mule-Hide 401 Premium Fibrated Aluminum Roof Coating.
- Polybrite 70 – Premium Grade Elastomeric Roof Coating in white or tinted; Polybrite 70 QS Quick drying Elastomeric Roof Coating in white or tinted; KM Acryl 15 in white or tinted; KM Acryl 15 QS in white or tinted.
- Polybrite 71 HS – A premium grade, high solids, water-based elastomeric coating in white or tinted; KM Acryl 40 HS in white or tinted.
- Polybrite 75 – A high tensile, superior grade water-based elastomeric coating in white or tinted; KM Acryl 85 in white or tinted.
- Polybrite 90 – High Solids Silicone Roof Coating in white or tinted; PS #250 High Solids Silicone Roof Coating in white or tinted.
- Polybrite 95 – Silicone Roof Coating in white or tinted; PS #220 High Solids Silicone Roof Coating in white or tinted.
- Polybrite 97X Primer – A two component, 1 to 1 ratio, water-based epoxy primer; KM Epoxy Primer.

Limitations and Installation: Installation must be in accordance with the following assemblies:

TABLE 1A: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
WOOD DECK, BONDED INSULATION, BONDED ROOF COVER

Assembly No.	Substrate[1]	Insulation		Roof Cover[2]		
		Base	Top	Base	Ply	Cap
#1 (W-1)	Min. 15/32" Plywood	Min. 1.5" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3, H-Shield, Polytherm-H, H-Shield CG or Multi-Max FA-3" ICP Adhesive CR-20	(Optional) Additional layer(s) of base insulation in ICP Adhesive CR-20	SBS-SA	(Optional) SBS-SA, SBS-AA, SBS-TA, APP-TA or BP-AA	SBS-SA, SBS-AA, SBS-TA, APP-SA or APP-TA

Design Pressure (psf)	Insulation Attachment
-52.5	ICP Adhesive CR-20 in rows 12" o.c.

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

TABLE 1B: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
WOOD DECK, MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

Assembly No.	Substrate[1]	Anchor Sheet			Insulation		Roof Cover[2]		
		Type	Fasten	Attach	Base	Top	Base	Ply	Cap
#2 (W-2)	Min. 15/32" Plywood	Polyglass G2 Base	12 ga. ring shank, 3/8" head diameter roofing nails and 1-5/8" diameter tin caps	8" o.c. in 4" lap and 8" o.c. in four (4), equally spaced, staggered center rows	Min. 1.5" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, H-Shield, Polytherm-H, ENRGY 3 or Multi-Max FA-3 in hot asphalt	Min. ¼" DensDeck Prime or SECUROCK Gypsum Fiber Roof Board in hot asphalt	SBS-AA, SBS-TA, APP-TA, Elastoflex SA V, Elastoflex SA V FR or Polyflex SA Base, self-adhered (***self-adhered requires use of torch-applied sheet overtop***)	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA

Design Pressure (psf)	Insulation Attachment
-67.5	Hot asphalt in 20-40 lbs/square

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation:

TABLE 1B (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER									
Assembly No.	**Substrate[1]**	**Anchor Sheet**			**Insulation**		**Roof Cover[2]**		
		Type	**Fasten**	**Attach**	**Base**	**Top**	**Base**	**Ply**	**Cap**
#3 (W-3)	Min. 15/32" Plywood	Polyglass G2 Base	Dekfast Galvalume Steel Hex plates with Dekfast 14 fasteners or Polygrip Hex Plates with Polygrip Fasteners #14, OMG 3" Galvalume Steel Plates, AccuTrac Flat Bottom plates with OMG #14 Roofgrip fasteners or Trufast 3" Insulation Plates with Trufast #14 HD Fasteners or Simplex MAXX Cap fasteners	9" o.c. in 4" lap and 9" o.c. in four (4), equally spaced, staggered center rows	Min. 1.5" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, H-Shield, Polytherm-H, ENRGY 3 or Multi-Max FA-3 in hot asphalt	Min. ¼" DensDeck Prime or SECUROCK Gypsum Fiber Roof Board in hot asphalt	SBS-AA, SBS-TA, APP-TA, Elastoflex SA V or Polyflex SA Base, self-adhered (***self-adhered requires use of torch-applied sheet overtop***)	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		**Insulation Attachment**							
-82.5		Hot asphalt in 20-40 lbs/square							

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation:

TABLE 1B (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER									
Assembly No.	**Substrate[1]**	**Anchor Sheet**			**Insulation**		**Roof Cover[2]**		
		Type	**Fasten**	**Attach**	**Base**	**Top**	**Base**	**Ply**	**Cap**
#4 (W-4)	Min. 15/32" Plywood	Polyglass G2 Base	12 ga. ring shank, 3/8" head diameter roofing nails and 1-5/8" diameter tin caps	6" o.c. in 4" lap and 6" o.c. in five (5), equally spaced, staggered center rows	Min. 1.5" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, H-Shield, Polytherm-H, ENRGY 3 or Multi-Max FA-3 in hot asphalt	Min. ¼" SECUROCK Gypsum Fiber Roof Board or DensDeck Prime in hot asphalt	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		**Insulation Attachment**							
-90.0		Hot asphalt in 20-40 lbs/square							

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1C: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER								
Assembly No.	**Substrate[1]**	**Anchor Sheet**		**Insulation**		**Roof Cover[2]**		
		Type	**Attach**	**Base**	**Top**	**Base**	**Ply**	**Cap**
#5 (W-5)	Min. 19/32" Plywood or Min 19/32 OSB	Elastobase, Elastoshield HT, Elastobase P, Polyglass Base, CertainTeed Glasbase, Firestone MB Base, JM Perma-Ply 28, Tamko Glass Base or GAF GAFGLAS #75	Simplex MAXX Cap fasteners	ASTM C1289, type II polyisocyanurate in hot asphalt applied at a rate of 20-40 lbs/square	Min. 1/4" DensDeck, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, Min. 3/4" FescoBoard or min.1/2" Structodek High Density Fiberboard Roof Insulation in hot asphalt applied at a rate of 20-40 lbs/square	BP-AA, SBS-AA	(Optional) One or more BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA
#6 (W-6)	Min. 19/32" Plywood or Min 19/32 OSB	Elastobase, Elastoshield HT, Elastobase P, Polyglass Base, CertainTeed Glasbase, Firestone MB Base, JM Perma-Ply 28, Tamko Glass Base or GAF GAFGLAS #75	Simplex MAXX Cap fasteners primed with PG 100 or ASTM D41 Primer	ASTM C1289, type II polyisocyanurate in hot asphalt applied at a rate of 20-40 lbs/square	Min. 1/4" DensDeck[3], DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board in hot asphalt applied at a rate of 20-40 lbs/square	SBS-SA, SBS-TA, APP-TA	(Optional) One or more SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
Design Pressure (psf)		**Anchor Sheet Attachment**						
-52.5		8" o.c. at 4" laps and 8" o.c. at three, equally spaced, staggered center rows.						

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB)) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.
3. For self-adhering applications directly to non-prime DensDeck, Polyglass requires an application of PG 100 or ASTM D-41 Primer.

Limitations and Installation (cont.):

TABLE 1C (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER								
Assembly No.	**Substrate[1]**	**Anchor Sheet**		**Insulation**		**Roof Cover[2]**		
		Type	**Attach**	**Base**	**Top**	**Base**	**Ply**	**Cap**
#7 (W-7)	Min. 19/32" Plywood or Min 19/32 OSB	Polyglass Base, CertainTeed Glasbase, Firestone MB Base, JM Perma-Ply 28, Tamko Glass Base or GAF GAFGLAS #75	Simplex MAXX Cap fasteners	ASTM C1289, type II polyisocyanurate in hot asphalt applied at a rate of 20-40 lbs/square	Min. 1/4" DensDeck, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, Min. 3/4" FescoBoard or min. 1/2" Structodek High Density Wood Fiberboard in hot asphalt applied at a rate of 20-40 lbs/square	BP-AA or SBS-AA	(Optional) One or more BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA
#8 (W-8)	Min. 19/32" Plywood or Min 19/32 OSB	Polyglass Base, CertainTeed Glasbase, Firestone MB Base, JM Perma-Ply 28, Tamko Glass Base or GAF GAFGLAS #75	Simplex MAXX Cap fasteners primed with PG 100 or ASTM D41 Primer	ASTM C1289, type II polyisocyanurate in hot asphalt applied at a rate of 20-40 lbs/square	Min. 1/4" DensDeck[3], DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board in hot asphalt applied at a rate of 20-40 lbs/square	SBS-SA, SBS-TA, APP-TA	(Optional) One or more SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
Design Pressure (psf)		**Anchor Sheet Attachment**						
-60.0		8" o.c. at 4" laps and 8" o.c. at three, equally spaced, staggered center rows.						

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.
3. For self-adhering applications directly to non-prime DensDeck, Polyglass requires an application of PG 100 or ASTM D-41 Asphalt Primer.

Limitations and Installation (cont.):

TABLE 1C (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER								
Assembly No.	**Substrate[1]**	**Anchor Sheet**		**Insulation**		**Roof Cover[2]**		
		Type	**Attach**	**Base**	**Top**	**Base**	**Ply**	**Cap**
#9 (W-9)	Min. 19/32" Plywood or Min 19/32 OSB	Elastobase, Elastoshield HT or Elastobase P	Simplex MAXX Cap fasteners	Min. 2" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, H-Shield, Polytherm-H, H-Shield CG, Multi-Max FA-3 or ENRGY-3 in Insta Stick™ Quik Set Insulation Adhesive, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot), ICP Adhesive CR-20 or Millennium One-Step Foamable Adhesive, 7" o.c. atop anchor sheet fastener rows	Min. 1/4" DensDeck, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board in Insta Stick™ Quik Set Insulation Adhesive, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot), ICP Adhesive CR-20 or Millennium One-Step Foamable Adhesive, 12" o.c.	BP-AA or SBS-AA	(Optional) One or more BP-AA, SBS-AA, SBS-SA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA, SBS-SA or APP-SA
#10 (W-10)	Min. 19/32" Plywood or Min 19/32 OSB	Elastobase, Elastoshield HTor Elastobase P	Simplex MAXX Cap fasteners with PG100 or ASTM D41 Primer	Min. 2" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, H-Shield, Polytherm-H, H-Shield CG, Multi-Max FA-3 or ENRGY-3 in Insta Stick™ Quik Set Insulation Adhesive, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot), ICP Adhesive CR-20 or Millennium One-Step Foamable Adhesive, 7" o.c. atop anchor sheet fastener rows	(Optional) Additional layers base insulation in Insta Stick™ Quik Set Insulation Adhesive, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot), ICP Adhesive CR-20 or Millennium One-Step Foamable Adhesive, 12" o.c.	SBS-SA	(Optional) One or more SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
Design Pressure (psf)		**Anchor Sheet Attachment**						
-60.0		6" o.c. at 4" laps and 6" o.c. at four, equally spaced, staggered center rows.						

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1C (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
WOOD DECK, MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

Assembly No.	Substrate[1]	Anchor Sheet		Insulation		Roof Cover[2]		
		Type	Attach	Base	Top	Base	Ply	Cap
#11 (W-11)	Min. 19/32" Plywood or Min 19/32 OSB	Elastobase, Elastoshield HT, Elastobase P, Polyglass Base, CertainTeed Glasbase, Firestone MB Base, JM Perma-Ply 28, Tamko Glass Base or GAF GAFGLAS #75	OMG Flat Bottom Plates (square) with #14 Roofgrip, Dekfast Galvalume Steel Hex plates, Polygrip Hex Plates with Dekfast 14, Polygrip Fasteners #14 or TruFast 3" Metal Insulation Plates with TruFast #14 HD Fasteners or TRUFAST VERSA-FAST Fasteners & Plates with two screws per plate	ASTM C1289, type II polyisocyanurate in hot asphalt applied at a rate of 20-40 lbs/square	Min. 1/4" DensDeck, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, Min. 3/4" FescoBoard or min. 1/2" Structodek High Density Wood Fiberboard in hot asphalt applied at a rate of 20-40 lbs/square	BP-AA or SBS-AA	(Optional) One or more BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA
#12 (W-12)	Min. 19/32" Plywood or Min 19/32 OSB	Elastobase, Elastoshield HT, Elastobase P, Polyglass Base, CertainTeed Glasbase, Firestone MB Base, JM Perma-Ply 28, Tamko Glass Base or GAF GAFGLAS #75	OMG Flat Bottom Plates (square) with #14 Roofgrip, Dekfast Galvalume Steel Hex plates, Polygrip Hex Plates with Dekfast 14, Polygrip Fasteners #14 or TruFast 3" Metal Insulation Plates with TruFast #14 HD Fasteners or TRUFAST VERSA-FAST Fasteners & Plates with two screws per plate	ASTM C1289, type II polyisocyanurate in hot asphalt applied at a rate of 20-40 lbs/square	Min. 1/4" DensDeck[3], DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board in hot asphalt applied at a rate of 20-40 lbs/square	SBS-SA, SBS-TA, APP-TA	(Optional) One or more SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA

Design Pressure (psf)	Anchor Sheet Attachment
-52.5	12" o.c. at 4" laps and 12" o.c. at two, equally spaced, staggered center rows.

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.
3. For self-adhering applications directly to non-prime DensDeck, Polyglass requires an application of PG 100 or ASTM D-41 Asphalt Primer.

Limitations and Installation (cont.):

TABLE 1D: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER								
Assembly No.	**Substrate[1]**	**Base Insulation Layer(s)**		**Top Insulation Layer**		**Roof Cover[2]**		
		Type	**Attach**	**Base**	**Top**	**Base**	**Ply**	**Cap**
#13 (W-13)	Min. 19/32" Plywood or Min 19/32 OSB	Min. 1.5" ENRGY 3, H-Shield or Polytherm-H	Dekfast Galvalume Steel Hex plates, Polygrip Hex Plates with Dekfast 14, Dekfast 15 HS, Polygrip Fasteners #14, Polygrip Fasteners #15 or TruFast 3" Metal Insulation Plates with TruFast #14 HD or Trufast #15 EHD Fasteners or TRUFAST VERSA-FAST Fasteners & Plates with two screws per plate	Min. 3/4" FescoBoard or min. 1/2" Structodek High Density Wood Fiberboard	Hot asphalt applied at a rate of 20-40 lbs/square	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) One or more BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA

Design Pressure (psf)	**Insulation Attachment**		
	Density (ft2 / fastener)	**Parts per 4 x 4' board**	**Parts per 4 x 8' board**
-52.5	1.33	12	24

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1D (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
WOOD DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

Assembly No.	Substrate[1]	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover[2]		
		Type	Attach	Base	Top	Base	Ply	Cap
#14 (W-14)	Min. 19/32" Plywood or Min 19/32 OSB	Min. 1.5" ENRGY 3, H-Shield or Polytherm-H	Dekfast Galvalume Steel Hex plates, Polygrip Hex Plates with Dekfast 14 or Dekfast 15 HS, Polygrip Fasteners #14 or Polygrip Fasteners #15 or TruFast 3" Metal Insulation Plates with TruFast #14 HD or Trufast #15 EHD Fasteners or TRUFAST VERSA-FAST Fasteners & Plates with two screws per plate	Min. 3/4" FescoBoard or min. 1/2" Structodek High Density Wood Fiberboard	Hot asphalt applied at a rate of 20-40 lbs/square	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) One or more BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA

Design Pressure (psf)	Insulation Attachment		
	Density (ft2 / fastener)	Parts per 4 x 4' board	Parts per 4 x 8' board
-60.0	1.33	12	24

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1E: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER								
Assembly No.	**Substrate[1]**	**Base Insulation Layer(s)**		**Top Insulation Layer**		**Roof Cover[2]**		
		Type	**Attach**	**Base**	**Top**	**Base**	**Ply**	**Cap**
#15 (W-15)	Min. 15/32" Plywood	Min. 2.0" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3, H-Shield, Polytherm-H, Multi-Max FA-3 or EnergyGuard Polyiso Insulation	Dekfast Galvalume Steel Hex plates with Dekfast 14 fasteners or Polygrip Hex Plates with Polygrip Fasteners #14, OMG 3" Galvalume Steel Plates with OMG #14 Roofgrip fasteners or Trufast 3" Insulation Plates with Trufast #14 HD Fasteners	Min. ¼" SECUROCK Gypsum Fiber Roof Board or DensDeck Prime	Hot asphalt applied at a rate of 20-40 lbs/square	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA

Design Pressure (psf)	**Insulation Attachment**		
	Density (ft2 / fastener)	**Parts per 4 x 4' board**	**Parts per 4 x 8' board**
-75.0	1.0	16	32

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1E (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER

Assembly No.	Substrate[1]	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover[2]		
		Type	Attach	Base	Top	Base	Ply	Cap
#16 (W-16)	Min. 15/32" Plywood	Min. 2.0" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3, H-Shield, Polytherm-H, Multi-Max FA-3 or EnergyGuard Polyiso Insulation	Dekfast Galvalume Steel Hex plates with Dekfast 14 fasteners or Polygrip Hex Plates with Polygrip Fasteners #14, OMG 3" Galvalume Steel Plates with OMG #14 Roofgrip fasteners or Trufast 3" Insulation Plates with Trufast #14 HD Fasteners	Min. ¼" SECUROCK Gypsum Fiber Roof Board or DensDeck Prime	Hot asphalt applied at a rate of 20-40 lbs/square	Polyflex SA Base	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA

Design Pressure (psf)	Insulation Attachment		
	Density (ft2 / fastener)	Parts per 4 x 4' board	Parts per 4 x 8' board
-75.0	1.0	16	32

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1F: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	**Substrate[1]**	**Base Insulation Layer(s)**		**Top Insulation Layer**		**Roof Cover[2]**		
		Type	**Attach**	**Base**	**Top**	**Base**	**Ply**	**Cap**
#17 (W-17)	Min. 19/32" Plywood or Min 19/32 OSB	(Optional) One or more layers, any combination	Loose laid	Min. 1/2" Structodek High Density Wood Fiberboard or min. 1/4" DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast Galvalume Steel Hex plates, Polygrip Hex Plates with Dekfast 14, Dekfast 15 HS, Polygrip Fasteners #14 or Polygrip Fasteners #15 or TRUFAST VERSA-FAST Fasteners & Plates with two screws per plate	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) One or more BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA

Design Pressure (psf)	**Insulation Attachment**		
	Density (ft2 / fastener)	**Parts per 4 x 4' board**	**Parts per 4 x 8' board**
-52.5	1.33	12	24

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB)) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1F (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	**Substrate[1]**	**Base Insulation Layer(s)**		**Top Insulation Layer**		**Roof Cover[2]**		
		Type	**Attach**	**Base**	**Top**	**Base**	**Ply**	**Cap**
#18 (W-18)	Min. 19/32" Plywood or Min 19/32 OSB	(Optional) One or more layers, any combination	Loose laid	Min. 1/2" Structodek High Density Wood Fiberboard or min. 1/4" DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast Galvalume Steel Hex plates, Polygrip Hex plates with Dekfast 12, Dekfast 14, Dekfast 15 HS, Polygrip Fasteners #12, Polygrip Fasteners #14 or Polygrip Fasteners #15 or TRUFAST VERSA-FAST Fasteners & Plates with two screws per plate	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) One or more BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA

Design Pressure (psf)	**Insulation Attachment**		
	Density (ft2 / fastener)	**Parts per 4 x 4' board**	**Parts per 4 x 8' board**
-67.5	1.33	12	24

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB)) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1F (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	**Substrate[1]**	**Base Insulation Layer(s)**		**Top Insulation Layer**		**Roof Cover[2]**		
		Type	**Attach**	**Base**	**Top**	**Base**	**Ply**	**Cap**
#19 (W-19)	Min. 19/32" Plywood	(Optional) One or more layers, any combination	Loose laid	Min. 1.5" ENRGY 3, H-Shield or Polytherm-H	Dekfast Galvalume Steel Hex plates, Polygrip Hex Plates with Dekfast 14, Dekfast 15 HS, Polygrip Fasteners #14, Polygrip Fasteners #15 or TruFast 3" Steel Insulation Plates with TruFast #14 HD or Trufast #15 EHD Fasteners	SBS-SA	(Optional) One or more SBS-TA, APP-TA or SBS-SA	SBS-TA, APP-TA, SBS-SA or APP-SA
#20 (W-20)	Min. 19/32" Plywood	(Optional) One or more layers, any combination	Loose laid	Min. 1/2" Structodek High Density Wood Fiberboard or min. 1/4" DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Dekfast Galvalume Steel Hex plates, Polygrip Hex Plates with Dekfast 14, Dekafst 15 HS, Polygrip Fasteners #14 or Polygrip Fasteners #15	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) One or more BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA

Design Pressure (psf)	**Insulation Attachment**		
	Density (ft2 / fastener)	**Parts per 4 x 4' board**	**Parts per 4 x 8' board**
-82.5	1.33	12	24

Footnote:

1. Min. 19/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1G: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	**Substrate[1]**	**Base Insulation Layer(s)**		**Top Insulation Layer**		**Roof Cover[2]**		
		Type	**Attach**	**Base**	**Top**	**Base**	**Ply**	**Cap**
#21 (W-21)	Min. 15/32" Plywood	One or more layers, any combination	Loose laid	Min. ¼" DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Dekfast Galvalume Steel Hex plates with Dekfast 14 fasteners or Polygrip Hex Plates with Polygrip Fasteners #14, OMG 3" Galvalume Steel Plates with OMG #14 Roofgrip fasteners or Trufast 3" Insulation Plates with Trufast #14 HD Fasteners	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA

Design Pressure (psf)	**Insulation Attachment**		
	Density (ft2 / fastener)	**Parts per 4 x 4' board**	**Parts per 4 x 8' board**
-75.0	1.0	16	32

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1G (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	**Substrate[1]**	**Base Insulation Layer(s)**		**Top Insulation Layer**		**Roof Cover[2]**		
		Type	**Attach**	**Base**	**Top**	**Base**	**Ply**	**Cap**
#22 (W-22)	Min. 15/32" Plywood	One or more layers, any combination	Loose laid	Min. ¼" DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Dekfast Galvalume Steel Hex plates with Dekfast 14 fasteners or Polygrip Hex Plates with Polygrip Fasteners #14, OMG 3" Galvalume Steel Plates with OMG #14 Roofgrip fasteners or Trufast 3" Insulation Plates with Trufast #14 HD Fasteners	Polyflex SA Base	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA

Design Pressure (psf)	**Insulation Attachment**		
	Density (ft2 / fastener)	**Parts per 4 x 4' board**	**Parts per 4 x 8' board**
-75.0	1.0	16	32

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1H: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	**Substrate[1]**	**Insulation Layer(s)**		**Base Sheet**		**Roof Cover[2]**	
		Base Layer	**Top Layer**	**Type**	**Fasteners**	**Ply**	**Cap**
#23 (W-23)	Min. 19/32" Plywood or Min 19/32 OSB	One or more layers, any combination	(Optional) Min. 1/4" DensDeck, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, Min. 3/4" FescoBoard or min. 1/2" Structodek High Density Wood Fiberboard, loose laid	Elastobase, Elastoshield HT, Elastobase P, Polyglass Base, CertainTeed Glasbase, Firestone MB Base, JM Perma-Ply 28, Tamko Glass Base or GAF GAFGLAS #75	32-ga., 1-5/8" diameter tin caps with 11-ga. annular ring shank nails	(Optional) One or more BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**					
-52.5		12" o.c. at 4" laps and 12" o.c. at two, equally spaced, staggered center rows.					

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB)) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

TABLE 1H (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	**Substrate[1]**	**Insulation Layer(s)**		**Base Sheet**		**Roof Cover[2]**	
		Base Layer	**Top Layer**	**Type**	**Fasteners**	**Ply**	**Cap**
#24 (W-24)	Min. 19/32" Plywood or Min 19/32 OSB	One or more layers, any combination	(Optional) Min. 1/4" DensDeck, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, Min. 3/4" FescoBoard or min. 1/2" Structodek High Density Wood Fiberboard, loose laid	Elastobase, Elastoshield HT or Elastobase P (with poly top surface)	OMG Flat Bottom Plates (square) with #14 Roofgrip fasteners or TRUFAST VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) One or more SBS-SA	SBS-SA, APP-SA SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**					
-52.5		12" o.c. at 4" laps and 12" o.c. at two, equally spaced, staggered center rows.					

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1H (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	**Substrate[1]**	**Insulation Layer(s)**		**Base Sheet**		**Roof Cover[2]**	
		Base Layer	**Top Layer**	**Type**	**Fasteners**	**Ply**	**Cap**
#25 (W-25)	Min. 19/32" Plywood or Min 19/32 OSB	One or more layers, any combination	(Optional) Min. 1/4" DensDeck, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, Min. 3/4" FescoBoard or min. 1/2" Structodek High Density Wood Fiberboard, loose laid.	Elastobase, Elastoshield HT or Elastobase P	OMG Flat Bottom Plates (square) with #12 Standard Roofgrip fasteners or TRUFAST VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) One or more BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**					
-60.0		12" o.c. at 4" laps and 12" o.c. at two, equally spaced, staggered center rows.					

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1H (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	**Substrate[1]**	**Insulation Layer(s)**		**Base Sheet**		**Roof Cover[2]**	
		Base Layer	**Top Layer**	**Type**	**Fasteners**	**Ply**	**Cap**
#26 (W-26)	Min. 19/32" Plywood or Min 19/32 OSB	One or more layers, any combination	(Optional) Min. 1/4" DensDeck, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board, Min. 3/4" FescoBoard or min. 1/2" Structodek High Density Wood Fiberboard, loose laid.	Elastobase, Elastoshield HT or Elastobase P (with poly top surface)	OMG Flat Bottom Plates (square) with #12 Standard Roofgrip or TRUFAST VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) One or more SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**					
-60.0		12" o.c. at 4" laps and 12" o.c. at two, equally spaced, staggered center rows.					

Footnote:

1. Min. 19/32" new wood structural panel sheathing (plywood or oriented strand board (OSB)) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

TABLE 1I: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	**Substrate[1]**	**Insulation Layer(s)**		**Base Sheet**		**Roof Cover[2]**	
		Base Layer	**Attach**	**Type**	**Fasteners**	**Ply**	**Cap**
#27 (W-27)	Min. 15/32" Plywood	(Optional) One or more layers, any combination	Prelim. Attached	Polyglass Base	Dekfast Galvalume Steel Hex plates with Dekfast 14 fasteners or Polygrip Hex Plates with Polygrip Fasteners #14, OMG 3" Galvalume Steel Plates, AccuTrac Flat Bottom plates with OMG #14 Roofgrip fasteners or Trufast 3" Insulation Plates with Trufast #14 HD Fasteners or Simplex MAXX Cap fasteners	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**					
-75.0		10" o.c. at 4" laps and 10" o.c. at three, equally spaced, staggered center rows.					

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1I (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	**Substrate[1]**	**Insulation Layer(s)**		**Base Sheet**		**Roof Cover[2]**	
		Base Layer	**Attach**	**Type**	**Fasteners**	**Ply**	**Cap**
#28 (W-28)	Min. 15/32" Plywood	(Optional) One or more layers, any combination	Prelim. Attached	Polyglass Base	Dekfast Galvalume Steel Hex plates with Dekfast 14 fasteners or Polygrip Hex Plates with Polygrip Fasteners #14, OMG 3" Galvalume Steel Plates, AccuTrac Flat Bottom plates with OMG #14 Roofgrip fasteners or Trufast 3" Insulation Plates with Trufast #14 HD Fasteners or Simplex MAXX Cap fasteners	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**					
-90.0		9" o.c. at 4" laps and 9" o.c. at four, equally spaced, staggered center rows.					

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1J: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER						
Assembly No.	**Substrate[1]**	**Slip Sheet**	**Base Sheet**		**Roof Cover[2]**	
			Type	**Fasteners**	**Ply**	**Cap**
#29 (W-29)	Min. 19/32" Plywood or Min 19/32 OSB	(Optional) ASTM D 4601, Type II base sheet loose laid	Elastobase, Elastoshield HT, Elastobase P, Polyglass G2 Base, CertainTeed Glasbase, Firestone MB Base, JM Perma-Ply 28, Tamko Glass Base or GAF GAFGLAS #75	Simplex MAXX Cap fasteners	(Optional) One or more BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
#30 (W-30)	Min. 19/32" Plywood or Min 19/32 OSB	(Optional) ASTM D 4601, Type II base sheet loose laid	Elastobase, Elastoshield HT or Elastobase P (with poly top surface)	Simplex MAXX Cap fasteners primed with PG100 or ASTM D41 Primer	(Optional) One or more SBS-SA	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**				
-52.5		8" o.c. at 4" laps and 8" o.c. at two, equally spaced, staggered center rows.				

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB)) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1J (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER						
Assembly No.	**Substrate[1]**	**Slip Sheet**	**Base Sheet**		**Roof Cover[2]**	
			Type	**Fasteners**	**Ply**	**Cap**
#31 (W-31)	Min. 19/32" Plywood or Min 19/32 OSB	(Optional) ASTM D 4601, Type II base sheet loose laid	Elastobase, Elastoshield HT, or Elastobase P (with poly top surface)	TRUFAST VERSA-FAST Fasteners & Plates with one screw per plate primed with PG100 or ASTM D41 Primer	Elastoflex SA V PLUS or Elastoflex SA V PLUS FR	SBS-SA, APP-SA, SBS-AA, SBS-TA or APP-TA
#32 (W-32)	Min. 19/32" Plywood or Min 19/32 OSB	(Optional) ASTM D 4601, Type II base sheet loose laid	Elastobase, Elastoshield HT or Elastobase P	TRUFAST VERSA-FAST Fasteners & Plates with one screw per plate primed with PG100 or ASTM D41 Primer	(Optional) One or more BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**				
-112.5		6" o.c. at 4" laps and 6" o.c. at four, equally spaced, staggered center rows.				

Footnote:

1. Min. 19/32" new wood structural panel sheathing (plywood or oriented strand board (OSB)) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

TABLE 1J (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER						
Assembly No.	**Substrate[1]**	**Slip Sheet**	**Base Sheet**		**Roof Cover[2]**	
			Type	**Fasteners**	**Ply**	**Cap**
#33 (W-33)	Min. 19/32" Plywood or Min 19/32 OSB	(Optional) ASTM D 4601, Type II base sheet loose laid	Elastobase, Elastoshield HT or Elastobase P (with poly top surface)	TRUFAST VERSA-FAST Fasteners & Plates with one screw per plate primed with PG100 or ASTM D41 Primer	(Optional) SBS-SA	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**				
-97.5		6" o.c. at 4" laps and 6" o.c. at four, equally spaced, staggered center rows.				

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1J (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	**Substrate[1]**	**Base Sheet**		**Roof Cover[2]**	
		Type	**Fasteners**	**Ply**	**Cap**
#34 (W-34)	Min. 19/32" Plywood or Min 19/32 OSB	Elastobase, Elastoshield HT, Elastobase P, Polyglass Base, CertainTeed Glasbase, Firestone MB Base, JM Perma-Ply 28, Tamko Glass Base or GAF GAFGLAS #75	OMG Flat Bottom Plates (square) with #14 Roofgrip fasteners, Dekfast Galvalume Steel Hex plates, Polygrip Hex Plates with Dekfast 14, Polygrip Fasteners #14 or TruFast 3" Metal Insulation Plates with TruFast #14 HD Fasteners or TRUFAST VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) One or more BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**			
-52.5		12" o.c. at 4" laps and 12" o.c. at two, equally spaced, staggered center rows.			

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

TABLE 1J (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	**Substrate[1]**	**Base Sheet**		**Roof Cover[2]**	
		Type	**Fasteners**	**Ply**	**Cap**
#35 (W-35)	Min. 19/32" Plywood or Min 19/32 OSB	Elastobase, Elastoshield HT or Elastobase P (with poly top surface)	OMG Flat Bottom Plates (square) with #14 Roofgrip fasteners, Dekfast Galvalume Steel Hex, Polygrip Hex Plates with Dekfast 14, Polygrip Fasteners #14 or TruFast 3" Metal Insulation Plate with TruFast #14 HD Fasteners or TRUFAST VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) One or more SBS-SA	SBS-SA, APP-SA, SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**			
-52.5		12" o.c. at 4" laps and 12" o.c. at two, equally spaced, staggered center rows.			

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1J (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	**Substrate[1]**	**Base Sheet**		**Roof Cover[2]**	
		Type	**Fasteners**	**Ply**	**Cap**
#36 (W-36)	Min. 19/32" Plywood or Min 19/32 OSB	Elastobase, Elastoshield HT or Elastobase P	OMG Flat Bottom Plates (square) with #12 Standard Roofgrip fasteners or TRUFAST VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) One or more BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**			
-60.0		12" o.c. at 4" laps and 12" o.c. at two, equally spaced, staggered center rows.			

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

TABLE 1J (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	**Substrate[1]**	**Base Sheet**		**Roof Cover[2]**	
		Type	**Fasteners**	**Ply**	**Cap**
#37 (W-37)	Min. 19/32" Plywood or Min 19/32 OSB	Elastobase, Elastoshield HT or Elastobase P (with poly top surface)	OMG Flat Bottom Plates (square) with #12 Standard Roofgrip fasteners or TRUFAST VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) One or more SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**			
-60.0		12" o.c. at 4" laps and 12" o.c. at two, equally spaced, staggered center rows.			

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1J (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	**Substrate[1]**	**Base Sheet**		**Roof Cover[2]**	
		Type	**Fasteners**	**Ply**	**Cap**
#38 (W-38)	Min. 19/32" Plywood or Min 19/32 OSB	Elastobase, Elastoshield HT or Elastobase P (with poly top surface)	TRUFAST VERSA-FAST Fasteners & Plates with one screw per plate primed with PG100 or ASTM D41 Primer	(Optional) SBS-SA	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**			
-112.5		4" o.c. at 4" laps and 4" o.c. at four, equally spaced, staggered center rows			

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

TABLE 1J (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	**Substrate[1]**	**Base Sheet**		**Roof Cover[2]**	
		Type	**Fasteners**	**Ply**	**Cap**
#39 (W-39)	Min. 19/32" Plywood or Min 19/32 OSB	Elastobase, Elastoshield HT or Polyglass Elastobase P	TRUFAST VERSA-FAST Fasteners & Plates with one screw per plate primed with PG100 or ASTM D41 Primer	(Optional) SBS-SA	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**			
-97.5		4" o.c. at 4" laps and 4" o.c. at four, equally spaced, staggered center rows			

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1J (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER						
Assembly No.	**Substrate[1]**	**Slip Sheet**	**Base Sheet**		**Roof Cover[2]**	
			Type	**Fasteners**	**Ply**	**Cap**
#40 (W-40)	Min. 7/16" Plywood or Min. 7/16" OSB	None	Elastobase or Elastoshield HT	32-ga., 1-5/8" diameter tin caps with 12-ga. annular ring shank nails	(Optional) One or more SBS-SA or SBS-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**				
-45.0		6" o.c. at 3" laps and 6" o.c. at four, equally spaced, staggered center rows.				

Footnote:

1. Min. 7/16" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1J (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER						
Assembly No.	**Substrate[1]**	**Slip Sheet**	**Base Sheet**		**Roof Cover[2]**	
			Type	**Fasteners**	**Ply**	**Cap**
#41 (W-41)	Min. 7/16" Plywood or Min. 7/16" OSB	None	Elastobase or Elastoshield HT	Simplex MAXX Cap fasteners primed with PG100 or ASTM D41 Primer	(Optional) One or more SBS-SA or SBS-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**				
-60.0		8" o.c. at 3" laps and 8" o.c. at three, equally spaced, staggered center rows.				

Footnote:

1. Min. 7/16" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1K: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER						
Assembly No.	**Substrate[1]**	**Slip Sheet**	**Base Sheet**		**Roof Cover[2]**	
			Type	**Fasteners**	**Ply**	**Cap**
#42 (W-42)	Min. 7/16" Plywood or Min. 7/16" OSB	None	Elastobase or Elastoshield HT	TRUFAST VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) One or more BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**				
-90.0		9" o.c. at 2" laps and 12" o.c. at two, equally spaced, staggered center rows.				

Footnote:

1. Min. 7/16" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

TABLE 1K: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER						
Assembly No.	**Substrate[1]**	**Slip Sheet**	**Base Sheet**		**Roof Cover[2]**	
			Type	**Fasteners**	**Ply**	**Cap**
#43 (W-43)	Min. 7/16" Plywood or Min. 7/16" OSB	None	Elastobase or Elastoshield HT	TRUFAST VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) One or more BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**				
-105.0		6" o.c. at 4" laps and 6" o.c. at three, equally spaced, staggered center rows.				

Footnote:

1. Min. 7/16" plywood or oriented strand board (OSB)) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1K (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER						
Assembly No.	**Substrate[1]**	**Slip Sheet**	**Base Sheet**		**Roof Cover[2]**	
			Type	**Fasteners**	**Ply**	**Cap**
#44 (W-44)	Min. 19/32" Plywood or Min 19/32 OSB	(Optional) Polyglass G2 Base, loose laid	Elastobase, Elastoshield HT, Elastobase P, Polyglass Base, CertainTeed Glasbase, Firestone MB Base, JM Perma-Ply 28, Tamko Glass Base or GAF GAFGLAS #75	Simplex MAXX Cap fasteners	(Optional) One or more BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
#45 (W-45)	Min. 19/32" Plywood or Min 19/32 OSB	(Optional) Polyglass G2 Base, loose laid	Elastobase, Elastoshield HT or Elastobase P	Simplex MAXX Cap fasteners primed with PG100 or ASTM D41 Primer	(Optional) One or more SBS-SA, BP-AA or SBS-AA	SBS-SA, APP-SA, SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**				
-60.0		8" o.c. at 4" laps and 8" o.c. at three, equally spaced, staggered center rows.				

Footnote:

1. Min. 19/32" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

TABLE 1K (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER						
Assembly No.	**Substrate[1]**	**Slip Sheet**	**Base Sheet**		**Roof Cover[2]**	
			Type	**Fasteners**	**Ply**	**Cap**
#46 (W-46)	Min. 15/32" Plywood	None	Polyglass Base	12 ga. ring shank, $^{3}/_{8}$" head diameter roofing nails and 1-$^{5}/_{8}$" diameter tin caps	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**				
-67.5		8" o.c. at 4" laps and 8" o.c. at four, equally spaced, staggered center rows.				

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1K (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER						
Assembly No.	**Substrate[1]**	**Slip Sheet**	**Base Sheet**		**Roof Cover[2]**	
			Type	**Fasteners**	**Ply**	**Cap**
#47 (W-47)	Min. 15/32" Plywood	None	Polyglass Base	Dekfast Galvalume Steel Hex plates with Dekfast 14 fasteners or Polygrip Hex Plates with Polygrip Fasteners #14, OMG 3" Galvalume Steel Plates, AccuTrac Flat Bottom plates with OMG #14 Roofgrip fasteners or Trufast 3" Insulation Plates with Trufast #14 HD Fasteners or Simplex MAXX Cap fasteners	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**				
-75.0		10" o.c. at 4" laps and 10" o.c. at three, equally spaced, staggered center rows.				

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

TABLE 1K (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER						
Assembly No.	**Substrate[1]**	**Slip Sheet**	**Base Sheet**		**Roof Cover[2]**	
			Type	**Fasteners**	**Ply**	**Cap**
#48 (W-48)	Min. 15/32" Plywood	None	Polyglass Base	Dekfast Galvalume Steel Hex plates with Dekfast 14 fasteners or Polygrip Hex Plates with Polygrip Fasteners #14, OMG 3" Galvalume Steel Plates, AccuTrac Flat Bottom plates with OMG #14 Roofgrip fasteners or Trufast 3" Insulation Plates with Trufast # 14 HD Fasteners or Simplex MAXX Cap fasteners	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**				
-90.0		9" o.c. at 4" laps and 9" o.c. at four, equally spaced, staggered center rows.				

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1K (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	**Substrate[1]**	**Base Sheet**		**Roof Cover[2]**	
		Type	**Fasteners**	**Ply**	**Cap**
#49 (W-49A)	Min. 15/32" Plywood	Elastobase or Elastoshield HT (sand surfaced)	Simplex MAXX Cap fasteners	(Optional) BP-AA, SBS-AA or SBS-TA	SBS-AA
#50 (W-49B)	Min. 15/32" Plywood	Elastobase or Elastoshield HT (poly surfaced)	Simplex MAXX Cap fasteners	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA

Design Pressure (psf)	**Base Sheet Attachment**			
	At Lap		**Staggered Center Row(s)**	
	Max Spacing (o.c.)	**Min. Lap Width**	**Max Spacing (o.c.)**	**Min. # of Rows**
-52.5	9"	2"	12"	2
-52.5 < P ≤ -90.0	6"	2"	6"	2
-90.-105.0	6"	2"	6"	3

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1K (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	**Substrate[1]**	**Base Sheet**		**Roof Cover[2]**	
		Type	**Fasteners**	**Ply**	**Cap**
#51 (W-50)	Min. 19/32" Plywood or Min 19/32 OSB	32-ga., 1-5/8" diameter tin caps with 11-ga. annular ring shank nails	Simplex MAXX Cap fasteners primed with PG100 or ASTM D41 Primer	(Optional) SBS-SA or SBS-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
#52 (W-50B)	Min. 19/32" Plywood or Min 19/32 OSB	Elastobase or Elastoshield HT (sand top surface)	Simplex MAXX Cap fasteners	(Optional) BP-AA or SBS-AA	SBS-AA
#53 (W-50C)	Min. 19/32" Plywood or Min 19/32 OSB	Polyglass Base	Simplex MAXX Cap fasteners primed with PG100 or ASTM D41 Primer	(Optional) SBS-SA or APP-TA	SBS-SA, APP-SA or APP-TA

Design Pressure (psf)	**Base Sheet Attachment**			
	At Lap		**Staggered Center Row(s)**	
	Max Spacing (o.c.)	**Min. Lap Width**	**Max Spacing (o.c.)**	**Min. # of Rows**
-52.5	6"	3"	6"	4

Footnote:

1. Min. 15/32" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1K (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

Assembly No.	Substrate[1]	Base Sheet		Roof Cover[2]	
		Type	Fasteners	Ply	Cap
#54 (W-51A)	Min. 15/32" Plywood	Elastobase, Elastoshield HT (sand top surface) or Polyglass G2 Base	Min. 1-5/8" OMG #12 Standard Roofgrip or OMG #14 Roofgrip fasteners with OMG 3" Round Metal Plates or OMG Flat Bottom Metal Plates	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
#55 (W-51B)	Min. 15/32" Plywood	Elastobase, Elastoshield HT (sand top surface) or Polyglass G2 Base	Min. 1-5/8" Trufast #12 DP or Trufast #14 HD Fasteners with Trufast 3" Metal Insulation Plates	(Optional) BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA
#56 (W-51C)	Min. 15/32" Plywood	Polyglass Base or Polyglass G2 Base	Min. 1-5/8" OMG #12 Standard Roofgrip or OMG #14 Roofgrip fasteners with OMG 3" Round Metal Plates or OMG Flat Bottom Metal Plates	(Optional) APP-TA	APP-TA

Design Pressure (psf)	Base Sheet Attachment			
	At Lap		Staggered Center Row(s)	
	Max Spacing (o.c.)	Min. Lap Width	Max Spacing (o.c.)	Min. # of Rows
-90.0	6"	4"	6"	3

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1K (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER

Assembly No.	Substrate[1]	Base Sheet		Roof Cover[2]	
		Type	Fasteners	Ply	Cap
#57 (W-52A)	Min. 15/32" Plywood	Elastobase, Elastoshield HT (sand top surface) or Polyglass G2 Base	Min. 1-5/8" OMG #12 Standard Roofgrip or OMG #14 Roofgrip fasteners with OMG 3" Round Metal Plates or OMG Flat Bottom Metal Plates	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
#58 (W-52B)	Min. 15/32" Plywood	Elastobase, Elastoshield HT (sand top surface) or Polyglass G2 Base	Min. 1-5/8" Trufast #12 DP or Trufast #14 HD Fasteners with Trufast 3" Metal Insulation Plates	(Optional) BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA
#59 (W-52C)	Min. 15/32" Plywood	Polyglass Base or Polyglass G2 Base	Min. 1-5/8" OMG #12 Standard Roofgrip or OMG #14 Roofgrip fasteners with OMG 3" Round Metal Plates or OMG Flat Bottom Metal Plates	(Optional) APP-TA	APP-TA

Design Pressure (psf)	Base Sheet Attachment			
	At Lap		Staggered Center Row(s)	
	Max Spacing (o.c.)	Min. Lap Width	Max Spacing (o.c.)	Min. # of Rows
-120.0	6"	4"	6"	5

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1L: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, BONDED ROOF COVER				
Assembly No.	**Roof Cover[2]**			
	Joint Treatment	**Base**	**Ply**	**Cap**
#60 (W-53)	None	N/A	SBS-SA	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)	**Substrate**			**Primer**
-90.0	Min. 19/32" Plywood[1]			(Optional) PG100 or ASTM D41 Primer

Footnote:

1. Min. 19/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

TABLE 1L (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, BONDED ROOF COVER				
Assembly No.	**Roof Cover[2]**			
	Joint Treatment	**Base**	**Ply**	**Cap**
#61 (W-54)	Plywood joints are covered with 4-inch wide strips of Elastoflex SA V or Elastoflex SA V FR rolled into place to create a continuous bond	Elastoflex SA V or Elastoflex SA V FR	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
Design Pressure (psf)	**Substrate**			**Primer**
-97.5	Min. 15/32" Plywood[1]			(Optional) PG100 or ASTM D41 Primer

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 1L (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, BONDED ROOF COVER				
Assembly No.	**Roof Cover[2]**			
	Joint Treatment	**Base**	**Ply**	**Cap**
#62 (W-55)	Plywood joints are covered with 4" wide strips of Elastoflex SA V or Elastoflex SA V FR rolled into place to create a continuous bond	Elastoflex SA V PLUS or Elastoflex SA V PLUS FR	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
Design Pressure (psf)	**Substrate**			**Primer**
-135.0	Min. 15/32" Plywood[1]			(Optional) PG100 or ASTM D41 Primer

Footnote:

1. Min. 15/32" plywood must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

TABLE 1L (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, BONDED ROOF COVER				
Assembly No.	**Roof Cover[2]**			
	Joint Treatment	**Base**	**Ply**	**Cap**
#63 (W-56)	Plywood joints are covered with 4" wide strips of Elastoflex SA V or Elastoflex SA V FR rolled into place to create a continuous bond	Elastoflex SA V PLUS or Elastoflex SA V PLUS FR	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
Design Pressure (psf)	**Substrate**			**Primer**
-52.5	Min. 7/16" Plywood or Min. 7/16" OSB			None

Footnote:

1. Min. 7/16" plywood or oriented strand board (OSB) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
2. For roof cover installation, refer to Table 1 above.

Limitations and Installation:

TABLE 2A: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#64 (C-1)	Structural concrete	Min. 1.5" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3, H-Shield, Polytherm-H or Approved EPS 1.0 pcf in OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	Min. ¼" SECUROCK Gypsum-Fiber Roof Board in OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	APP-TA	None	APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-120.0		OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot) in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#65 (C-2)	Structural concrete	Min. 2.0" Approved EPS 2.0 pcf in OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	(Optional) Min. ½" High Density Fiberboard Roof Insulation or min. ¼" DensDeck[2] in OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	SBS-SA	None	SBS-TA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-120.0		OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot) in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.
2. For self-adhering applications directly to non-prime DensDeck, Polyglass requires an application of ASTM D-41 Asphalt Primer.

Limitations and Installation:

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#66 (C-3)	Structural concrete	Min. 1.5" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3, H-Shield, Polytherm-H, Multi-Max FA-3, ISO 95+ GL or Approved EPS 2.0 pcf in OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	(Optional) Additional layer(s) of base insulation in OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	SBS-SA	None	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-120.0		OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot) in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#67 (C-4)	Structural concrete	Min. 1.5" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3, H-Shield, Polytherm-H, Multi-Max FA-3 or ISO 95+ GL in OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	Min. ¼" DensDeck[2] or DensDeck Prime in OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	SBS-SA	None	SBS-TA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-127.5		OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot) in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.
2. For self-adhering applications directly to non-prime DensDeck, Polyglass requires an application of ASTM D-41 Asphalt Primer.

Limitations and Installation:

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#68 (C-5)	Structural concrete	Min. 1" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, H-Shield or Polytherm-H in Millennium One Step Foamable Adhesive, Millennium PG-1 Pump Grade Adhesive, ICP Adhesive CR-20, Insta Stik Quik Set Insulation Adhesive or OlyBond 500 Adhesive (PaceCart or Spotshot)	Min. 0.25" SECUROCK Gypsum-Fiber Roof Board, DEXcell FA Glass Mat Roof Board or DensDeck Prime in Millennium One Step Foamable Adhesive, Millennium PG-1 Pump Grade Adhesive, ICP Adhesive CR-20, Insta Stik Quik Set Insulation Adhesive or OlyBond 500 Adhesive (PaceCart or SpotShot)	SBS-CA1	None	SBS-CA1 or APP-CA1
Design Pressure (psf)		**Insulation Attachment**				
-127.5		Millennium One Step Foamable Adhesive, Millennium PG-1 Pump Grade Adhesive, ICP Adhesive CR-20, Insta Stik Quik Set Insulation Adhesive or OlyBond 500 Adhesive (PaceCart or SpotShot) in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#69 (C-6)	Structural concrete	Min. 1.5" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3, H-Shield, Polytherm-H, Multi-Max FA-3 or ISO 95+ GL in OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	Min. ¼" DensDeck[2] or DensDeck Prime in OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	SBS-SA	None	SBS-TA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-150.0		OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot) in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.
2. For self-adhering applications directly to non-prime DensDeck, Polyglass requires an application of ASTM D-41 Asphalt Primer.

Limitations and Installation:

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#70 (C-7)	Structural concrete	Min. 1.5" ACFoam-II, Polytherm, ENRGY 3, H-Shield, Polytherm-H, Multi-Max FA-3 or ISO 95+ GL in Millennium One-Step Foamable Adhesive	(Optional) Additional layer(s) of base insulation in Millennium One-Step Foamable Adhesive	SBS-SA	None	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-157.5		Millennium One-Step Foamable Adhesive in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER							
Assembly No.	**Substrate**	**Vapor Barrier**	**Insulation**		**Roof Cover[1]**		
			Base	**Top**	**Base**	**Ply**	**Cap**
#71 (C-8)	Structural concrete	Elastoflex SA P, self-adhered	Min. 1.5" ACFoam-II, Polytherm, ENRGY 3, H-Shield, Polytherm-H, Multi-Max FA-3, ISO 95+ GL or Approved EPS 1.0 pcf in Millennium One-Step Foamable Adhesive	Min. ¼" SECUROCK Gypsum-Fiber Roof Board in Millennium One-Step Foamable Adhesive	APP-TA or SBS-AA	(Optional) APP-TA or SBS-AA	APP-TA or SBS-AA
Design Pressure (psf)			**Insulation Attachment**				
-157.5			Millennium One-Step Foamable Adhesive in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

Limitations and Installation:

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#72 (C-9)	Structural concrete	Min. 1.5" Approved EPS 2.0 pcf in Insta Stik™ Quik Set Insulation Adhesive	Min. ½" High Density Wood Fiberboard in Insta Stik™ Quik Set Insulation Adhesive	SBS-SA	None	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-157.5		Insta Stik™ Quik Set Insulation Adhesive in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#73 (C-10)	Structural concrete primed with PG100 or ASTM D41 Primer	Min. 2.0" ACFoam-II, Polytherm, ENRGY 3, H-Shield, Polytherm-H, Multi-Max FA-3, ISO 95+ GL or Approved EPS 1.0 pcf in hot asphalt, Insta Stik™ Quik Set Insulation Adhesive, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot), Millennium One-Step Foamable Adhesive or ICP Adhesive CR-20	Min. ¼" SECUROCK Gypsum-Fiber Roof Board in Insta Stik™ Quik Set Insulation Adhesive, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot), Millennium One Step Foamable Insulation Adhesive or ICP Adhesive CR-20	SBS-SA	None	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-225.0		Insta Stik™ Quik Set Insulation Adhesive, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot), Millennium One Step Foamable Insulation Adhesive or ICP Adhesive CR-20 in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

Limitations and Installation:

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#74 (C-11)	Structural concrete primed with PG100 or ASTM D41 Primer	Min. 1.5" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3, H-Shield, Polytherm-H, H-Shield CG, Multi-Max FA-3 or Approved EPS 2.0 pcf in Millennium One-Step Foamable Adhesive	(Optional) Additional layer(s) of base insulation in Millennium One-Step Foamable Adhesive	SBS-SA	None	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-232.5		Millennium One Step Foamable Insulation Adhesive in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#75 (C-12)	Structural concrete	Min. 2.0" ACFoam-IV or min. 1.5″ Ultra-Max or Multi-Max FA-3 or min. 1.3″ ACFoam-III, Polytherm G or min. 1.0″ ISO 95+ GL, H-Shield, Polytherm-H, H-Shield CG, JM ISO 3 or ENRGY 3 in ICP Adhesive CR-20	Min. ¼″ SECUROCK Gypsum-Fiber Roof Board in ICP Adhesive CR-20	SBS-SA	None	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-240.0		ICP Adhesive CR-20 in continuous 1.5″ beads/ribbons spaced 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

Limitations and Installation:

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER							
Assembly No.	**Substrate**	**Vapor Barrier**	**Insulation**		**Roof Cover[1]**		
			Base	**Top**	**Base**	**Ply**	**Cap**
#76 (C-13)	Structural concrete primed with PG100 or ASTM D41 Primer	Elastoflex SA P, self-adhered	Min. 1.5" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3, H-Shield, Polytherm-H, H-Shield CG, Multi-Max FA-3 or Approved EPS 2.0 pcf in ICP Adhesive CR-20	(Optional) Additional layer(s) of base insulation in ICP Adhesive CR-20	SBS-SA	None	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Insulation Attachment**					
-250.0		ICP Adhesive CR-20 in rows 12" o.c.					

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#77 (C-14)	Structural concrete	Min. 0.75" Approved EPS 1.0 pcf in ICP Adhesive CR-20	Min. ¼" SECUROCK Gypsum-Fiber Roof Board or DensDeck[2] in ICP Adhesive CR-20	SBS-SA	None	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-255.0		ICP Adhesive CR-20 in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.
2. For self-adhering applications directly to non-prime DensDeck, Polyglass requires an application of ASTM D-41 Asphalt Primer.

Limitations and Installation:

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#78 (C-15)	Structural concrete primed with PG100 or ASTM D41 Primer	Min. 1.5" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3, H-Shield, Polytherm-H, H-Shield CG, Multi-Max FA-3 or Approved EPS 2.0 pcf in ICP Adhesive CR-20	None	SBS-SA	None	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-262.5		ICP Adhesive CR-20 in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#79 (C-16)	Structural concrete	Min. 1.5" ACFoam-II, Polytherm, ENRGY 3, H-Shield, Polytherm-H, Multi-Max FA-3, ISO 95+ GL or Approved EPS 1.0 pcf in ICP Adhesive CR-20	Min. ¼" SECUROCK Gypsum-Fiber Roof Board in ICP Adhesive CR-20	APP-TA or SBS-AA	(Optional) APP-TA or SBS-AA	APP-TA or SBS-AA
Design Pressure (psf)		**Insulation Attachment**				
-262.5		ICP Adhesive CR-20 in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

Limitations and Installation:

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#80 (C-17)	Structural concrete	Min. 1.5" ACFoam-II, Polytherm, ENRGY 3, H-Shield, Polytherm-H, Multi-Max FA-3, ISO 95+ GL or Approved EPS 1.0 pcf in ICP Adhesive CR-20	Min. ¼" SECUROCK Gypsum-Fiber Roof Board in ICP Adhesive CR-20	APP-TA	None	APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-262.5		ICP Adhesive CR-20 in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#81 (C-18)	Structural concrete	Min. 2.0" H-Shield or Polytherm-H in OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	Min. ½" DensDeck[2] or DuraGuard Roof Board	SBS-SA	SBS-SA	SBS-SA or APP-SA
Design Pressure (psf)		**Insulation Attachment**				
-330.0		OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot) in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.
2. For self-adhering applications directly to non-prime DensDeck, Polyglass requires an application of ASTM D-41 Asphalt Primer.

Limitations and Installation:

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#82 (C-19)	Structural concrete primed with PG100 or ASTM D41 Primer	Min. 2.0" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, H-Shield, Polytherm-H, ENRGY 3 or Multi-Max FA-3 in hot asphalt	Min. ¼" SECUROCK Gypsum-Fiber Roof Board (primed with PG100 or ASTM D41 Primer) in hot asphalt	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-350.0		Hot asphalt at a rate of 25 lbs/square.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#83 (C-20)	Structural concrete	Min. 2.0" H-Shield or Polytherm-H in OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	Min. ½" DensDeck[2] or DuraGuard Roof Board	SBS-SA	SBS-SA	SBS-SA or APP-SA
Design Pressure (psf)		**Insulation Attachment**				
-375.0		OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot) in rows 6" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.
2. For self-adhering applications directly to non-prime DensDeck, Polyglass requires an application of ASTM D-41 Asphalt Primer.

Limitations and Installation:

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#84 (C-21)	Structural concrete	Min. 2.0" ACFoam-II, Polytherm a, H-Shield, Polytherm, ENRGY 3 or Approved EPS 1.0 pcf in Insta Stik™ Quik Set Insulation Adhesive, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot), Millennium One Step Foamable Insulation Adhesive or ICP Adhesive CR-20	Min. ¼" SECUROCK Gypsum-Fiber Roof Board in Insta Stik™ Quik Set Insulation Adhesive, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot), Millennium One Step Foamable Insulation Adhesive or ICP Adhesive CR-20	SBS-AA or APP-TA	(Optional) SBS-AA or APP-TA	SBS-AA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-442.5		Insta Stik™ Quik Set Insulation Adhesive, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot), Millennium One Step Foamable Insulation Adhesive or ICP Adhesive CR-20 in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#85 (C-22)	Structural concrete primed with PG100 or ASTM D41 Primer	Min. 1.5" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3, H-Shield, Polytherm-H, H-Shield CG, Multi-Max FA-3 or Approved EPS 2.0 pcf in hot asphalt	(Optional) Additional layer(s) of base insulation in hot asphalt	SBS-SA	None	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-480.0		Hot asphalt at a rate of 20-40 lbs/square.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

Limitations and Installation:

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#86 (C-23)	Structural concrete primed with PG100 or ASTM D41 Primer	Min. 2.0" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3 or Approved EPS 1.0 pcf in hot asphalt, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	Min. ¼" SECUROCK Gypsum-Fiber Roof Board in hot asphalt, OlyBond 500, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	SBS-AA	(Optional) SBS-AA	SBS-AA
Design Pressure (psf)		**Insulation Attachment**				
-495.0		Hot asphalt, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot) in 1.0 gal/square.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#87 (C-24)	Structural concrete primed with PG100 or ASTM D41 Primer	None	Min. ¾" FescoBoard in hot asphalt	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA	SBS-AA, SBS-TA or APP-TA
			Min. ½" Structodek High Density Fiberboard Roof Insulation			
			Min. ¼" DensDeck Prime			
Design Pressure (psf)		**Insulation Attachment**				
-277.5		Hot asphalt in 20-40 lbs/square for FescoBoard.				
-277.5 < P ≤ -285.0		Hot asphalt in 20-40 lbs/square for Structodek High Density Fiberboard Roof Insulation.				
-285.-510.0		Hot asphalt in 20-40 lbs/square for DensDeck Prime.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

Limitations and Installation:

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#88 (C-25)	Structural concrete primed with PG100 or ASTM D41 Primer (***Primed if using Hot Asphalt***)	Min. 2.0" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3 or Approved EPS 1.0 pcf in hot asphalt, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	Min. ¼" SECUROCK Gypsum-Fiber Roof Board in hot asphalt, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	APP-TA	(Optional) APP-TA	APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-536.5		Hot asphalt, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot) in 1.0 gal/square.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#89 (C-26)	Structural concrete primed with PG100 or ASTM D41 Primer (***Primed if using Hot Asphalt***)	Min. 2.0" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3 or Approved EPS 1.0 pcf in hot asphalt, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	Min. ¼" SECUROCK Gypsum-Fiber Roof Board (primed with PG100 or ASTM D41 Primer) in hot asphalt, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	SBS-SA	(Optional) SBS-SA	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-543.5		Hot asphalt, OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot) in 1.0 gal/square.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 2B: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, NON-INSULATED, BONDED ROOF COVER			
Assembly No.	**Roof Cover[1]**		
	Base	**Ply**	**Cap**
#90 (C-27)	SBS-CA1	None	SBS-CA1 or APP-CA1
Design Pressure (psf)	**Substrate**		**Primer**
-105.0	Min. 2500 psi Structural Concrete or Concrete Plank		None

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2B (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, NON-INSULATED, BONDED ROOF COVER			
Assembly No.	**Roof Cover[1]**		
	Base	**Ply**	**Cap**
#91 (C-28)	SBS-SA	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
Design Pressure (psf)	**Substrate**		**Primer**
-315.0	Min. 2500 psi Structural Concrete or Concrete Plank		Approved PG100 or ASTM D41 Primer

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2B (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, NON-INSULATED, BONDED ROOF COVER			
Assembly No.	**Roof Cover[1]**		
	Base	**Ply**	**Cap**
#92 (C-29)	None	None	SBS-TA
Design Pressure (psf)	**Substrate**		**Primer**
-495.0	Min. 2500 psi Structural Concrete or Concrete Plank		Approved PG100 or ASTM D41 Primer

Footnote:

1. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 2B (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, NON-INSULATED, BONDED ROOF COVER			
Assembly No.	**Roof Cover[1]**		
	Base	**Ply**	**Cap**
#93 (C-30)	Polyglass G2 Base, Elastobase, Elastoshield HT (sand surfaced), Elastobase P, Elastoflex V, Elastoflex S6 or Elastoflex S6 HP applied in hot asphalt at a rate of 20-40 lbs/square	(Optional) Ply IV, Ply VI, Elastobase, Elastoshield HT (sand surfaced), Elastobase P, Elastoflex V, Elastoflex S6 or Elastoflex S6 HP applied in hot asphalt at a rate of 20-40 lbs/square	SBS-AA
#94 (C-31)	Elastobase, Elastoshield HT (poly surfaced), Elastoflex V, Elastoflex S6, Elastoflex S6 HP, Polyglass Base, Polybond or Polyflex, torch-applied	(Optional) Elastobase, Elastoshield HT (poly surfaced), Elastoflex V, Elastoflex S6, Elastoflex S6 HP, Polyglass Base, Polyflex or Polybond, torch-applied	SBS-TA or APP-TA
Design Pressure (psf)	**Substrate**		**Primer**
-622.5	Min. 2500 psi Structural Concrete or Concrete Plank		Approved PG100 or ASTM D41 Primer

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 3A: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) LIGHTWEIGHT CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#95 (LWC-1)	Min. 300 psi Elastizell cellular LWIC cast over structural concrete	Min. 1.5" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3, H-Shield, Polytherm-H, H-Shield CG, Multi-Max FA-3 or Approved EPS 2.0 pcf in ICP Adhesive CR-20	(Optional) Additional layer(s) of base insulation in ICP Adhesive CR-20	SBS-SA	None	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-180.0		ICP Adhesive CR-20 in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

Limitations and Installation:

TABLE 3A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) LIGHTWEIGHT CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#96 (LWC-2)	Min. 200 psi Elastizell LWIC cast over structural concrete	Min. 1.5" ACFoam-II, Polytherm, H-Shield, Polytherm-H or Approved EPS 1.0 pcf in ICP Adhesive CR-20	Min. ¼" SECUROCK Gypsum-Fiber Roof Board in ICP Adhesive CR-20	SBS-AA or APP-TA	(Optional) SBS-AA or APP-TA	SBS-AA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-180.0		ICP Adhesive CR-20 in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) LIGHTWEIGHT CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#97 (LWC-3)	Min. 300 psi Celcore cellular LWIC cast over structural concrete	Min. 1.5" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3, H-Shield, Polytherm-H, H-Shield CG, Multi-Max FA-3 or Approved EPS 2.0 pcf in ICP Adhesive CR-20	(Optional) Additional layer(s) of base insulation in ICP Adhesive CR-20	SBS-SA	None	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-222.5		ICP Adhesive CR-20 in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 3A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) LIGHTWEIGHT CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#98 (LWC-4)	Min. 200 psi Elastizell cellular LWIC cast over structural concrete	Min. 1.5" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, H-Shield or Polytherm-H, in OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	(Optional) Additional layer(s) of base insulation in OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	SBS-SA	None	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-225.0		OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot) in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) LIGHTWEIGHT CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#99 (LWC-5)	Min. 200 psi Elastizell cellular LWIC cast over structural concrete	Min. 2.0" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3, H-Shield, Polytherm-H, ISO 95+ GL or Approved EPS 1.0 pcf in OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	Min. ¼" SECUROCK Gypsum-Fiber Roof Board in OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot)	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-225.0		OlyBond 500 Adhesive, OlyBond 500 Green Adhesive (PaceCart or SpotShot) in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 3A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) LIGHTWEIGHT CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#100 (LWC-6)	Min. 200 psi Celcore or Mearlcrete LWIC cast over structural concrete	Min. 2.0" ACFoam-II, Polytherm, ENRGY 3, H-Shield, Polytherm-H or Approved EPS 1.0 pcf in ICP Adhesive CR-20	Min. ¼" SECUROCK Gypsum-Fiber Roof Board in ICP Adhesive CR-20	SBS-AA, SBS-TA or APP-TA	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-222.5		ICP Adhesive CR-20 in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) LIGHTWEIGHT CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER						
Assembly No.	**Substrate**	**Insulation**		**Roof Cover[1]**		
		Base	**Top**	**Base**	**Ply**	**Cap**
#101 (LWC-7)	Min. 300 psi Mearlcrete cellular LWIC cast over structural concrete	Min. 1.5" ACFoam-II, ACFoam-III, Polytherm, Polytherm G, ENRGY 3, H-Shield, Polytherm-H, H-Shield CG, Multi-Max FA-3 or Approved EPS 2.0 pcf in ICP Adhesive CR-20	(Optional) Additional layer(s) of base insulation in ICP Adhesive CR-20	SBS-SA	None	SBS-SA, APP-SA or APP-TA
Design Pressure (psf)		**Insulation Attachment**				
-240.0		ICP Adhesive CR-20 in rows 12" o.c.				

Footnote:

1. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 3B: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER LIGHTWEIGHT CONCRETE DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	**Substrate**	**Base Sheet**		**Roof Cover[1]**	
		Type	**Fasteners**	**Ply**	**Cap**
#102 (LWC-8)	Celcore MF Lightweight Concrete with min. compressivie strength of 300 psi over min. 22 ga., Type B steel deck	Elastobase P	FM-260 fasteners	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		**Base Sheet Attachment**			
		At Lap		**Staggered Center Row(s)**	
		Max Spacing (o.c.)	**Min. Lap Width**	**Max Spacing (o.c.)**	**Min. # of Rows**
-90.0		10"	4"	10"	3

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 4A: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER								
Assembly No.	**Substrate**	**Base Insulation Layer(s)**		**Top Insulation Layer**		**Roof Cover[1]**		
		Type	**Attach**	**Base**	**Top**	**Base**	**Ply**	**Cap**
#103 (S-1)	Min. 22 ga., Type B, Grade C Steel	Min. 1.5" ENRGY 3, H-Shield, Polytherm-H, Multi-Max FA-3 or EnergyGuard Polyiso Insulation	Dekfast Galvalume Steel Hex plates with Dekfast 14 fasteners or Polygrip Hex Plates with Polygrip Fasteners #14, OMG 3" Galvalume Steel Plates with OMG #14 Roofgrip fasteners or Trufast 3" Insulation Plates with Trufast #14 HD Fasteners	Min. ¾" FescoBoard	Hot asphalt applied at a rate of 20-40 lbs/square	Any approved Polyglass ASTM D4601, Type II base sheet, hot asphalt	(Optional) SBS-SA, SBS-AA, SBS-TA or APP-TA	SBS-SA, SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		**Insulation Attachment**						
		Density (ft2 / fastener)		**Parts per 4 x 4' board**		**Parts per 4 x 8' board**		
-90.0		1.33		12		24		

Footnote:

1. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 4B: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) STEEL DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	**Substrate**	**Base Insulation Layer(s)**		**Top Insulation Layer**		**Roof Cover[1]**		
		Type	**Attach**	**Base**	**Top**	**Base**	**Ply**	**Cap**
#104 (S-2)	Min. 22 ga., Type B, Grade 33 Steel	One or more layers, any combination	Loose laid	Min. ½" SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Trufast 3" Metal Insulation Plates with Trufast #12 DP, Trufast #14 HD or Trufast #15 EHD Fasteners	SBS-CA1	None	SBS-CA1 or APP-CA1

Design Pressure (psf)	**Insulation Attachment**		
	Density (ft2 / fastener)	**Parts per 4 x 4' board**	**Parts per 4 x 8' board**
-45.0	2.0	8	16

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 4C: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	**Substrate**	**Base Insulation Layer(s)**		**Top Insulation Layer**		**Roof Cover[1]**		
		Type	**Attach**	**Base**	**Top**	**Base**	**Ply**	**Cap**
#105 (S-3)	Min. 22 ga., Type B, Grade 33 Steel	(Optional) One or more layers, any combination	Loose laid	Min. ½" SECUROCK Gypsum-Fiber Roof Board or DensDeck Prime	Trufast 3" Metal Insulation Plates with Trufast #12 DP, Trufast #14 HD or Trufast #15 EHD Fasteners	SBS-CA1	None	SBS-CA1 or APP-CA1

Design Pressure (psf)	**Insulation Attachment**		
	Density (ft2 / fastener)	**Parts per 4 x 4' board**	**Parts per 4 x 8' board**
-45.0	2.0	8	16

Footnote:

1. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 4D: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) STEEL DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	**Substrate**	**Insulation Layer(s)**		**Base Sheet**		**Roof Cover[1]**	
		Base Layer	**Top Layer**	**Type**	**Fasteners**	**Ply**	**Cap**
#106 (S-4)	Min. 22 ga., Type B, Grade 33 Steel	One or more layers, any combination, loose-laid, loose-laid	None	Elastobase	Trufast 3" Metal Insulation Plates with Trufast #12 DP, Trufast #14 HD or Trufast #15 EHD Fasteners	None	SBS-CA1 or APP-CA1
Design Pressure (psf)		**Base Sheet Attachment**					
-45.0		12" o.c. at 4" laps and 12" o.c. at one staggered center row.					

Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 4D (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) STEEL DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	**Substrate**	**Insulation Layer(s)**		**Base Sheet**		**Roof Cover[1]**	
		Base Layer	**Top Layer**	**Type**	**Fasteners**	**Ply**	**Cap**
#107 (S-5)	Min. 22 ga., Type B, Grade 33 Steel	One or more layers, any combination, loose-laid	None	Elastobase	Trufast 3" Metal Insulation Plates with Trufast #12 DP, Trufast #14 HD or Trufast #15 EHD Fasteners	None	SBS-CA1 or APP-CA1
Design Pressure (psf)		**Base Sheet Attachment**					
-67.5		12" o.c. at 4" laps and 12" o.c. at two, equally spaced, staggered center rows.					

Footnote:

1. For roof cover installation, refer to Table 1 above.

Limitations and Installation (cont.):

TABLE 4E: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	**Substrate**	**Insulation Layer(s)**		**Base Sheet**		**Roof Cover[1]**	
		Base Layer	**Top Layer**	**Type**	**Fasteners**	**Ply**	**Cap**
#108 (S-6)	Min. 22 ga., Type B, Grade C Steel	One or more layers, any combination, loose-laid	None	Polybond	Dekfast 12, Dekfast 14 or Dekfast 15 HS fasteners with Dekfast Hex plates or Polygrip Fasteners #12, Polygrip Fasteners #14 or Polygrip Fasteners #15 with Polygrip Hex Plates	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
				Polybond or Polyflex	#12 Standard Roofgrip, #14 Roofgrip and #15 Roofgrip fasteners with Accutrac Flat Bottom plates		
Design Pressure (psf)		**Base Sheet Attachment**					
-112.5		12" o.c. at 4" laps and 18" o.c. at two, equally spaced, staggered center rows.					

Footnote:

1. For roof cover installation, refer to Table 1 above.

Note: Keep the manufacturer's installation instructions at the job site during the installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.