

## Product Evaluation

RC440 | 0822

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-440

**Effective Date:** August 1, 2022

**Re-evaluation Date:** April 2025

**Product Name:** Polyglass XtraFlex Modified Bitumen Roofing Systems Installed Over Wood and Concrete Roof Decks

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

### General Description:

- **XtraFlex G2 Base** is an asphaltic, fiberglass reinforced base sheet with a sanded top surface.
- **XtraFlex SBS Glass Base** is a modified bitumen coated fiberglass reinforced base sheet.
- **Xtraflex SBS HT Base 650** is a modified bitumen coated fiberglass reinforced base sheet.
- **XtraFlexPly IV** is a modified bitumen coated heavyweight fiberglass reinforced ply sheet.
- **XtraFlex Ply VI** is a modified bitumen coated heavyweight fiberglass reinforced ply sheet.
- **XtraFlex APP Glass Base** is a torch applied, fiberglass reinforced, APP modified bitumen membrane with poly-film top and bottom surfaces.
- **Xtraflex SBS Base SA** is a nominal 80-mil (2.0-mm) thick, self-adhering, fiberglass reinforced modified bitumen membranes with a smooth top surface.
- **Xtraflex SBS G SA** is a self-adhering, polyester reinforced modified bitumen membrane with a granule top surface and fire-retardant chemistry.

- **XtraFlex Kool SBS S SA** is a self-adhering, polymer, SBS modified bitumen membrane with a self-adhering back face and a smooth top surface.
- **XtraFlex SBS Glas Interply** is a torch, hot asphalt, or cold adhesive applied fiberglass reinforced, modified bitumen membrane with a sanded top surface.
- **XtraFlex SBS Glass G** is a torch, hot asphalt, or cold adhesive applied fiberglass reinforced, modified bitumen membranes with a granule top surface and fire-retardant chemistry.
- **XtraFlex SBS Poly G HP** is a torch, hot asphalt, or cold adhesive applied polyester reinforced, modified bitumen membrane with a granule top surface and fire-retardant chemistry.
- **XtraFlex APPS** is a torch applied polyester reinforced, modified bitumen membrane with a smooth or sanded top surface.
- **XtraFlex APP G** is a torch applied polyester reinforced, modified bitumen membranes with a granule top surface and fire-retardant chemistry.
- **XtraFlex APP G SA** 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.
- **XtraFlex Kool APP G SA** 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.
- **XtraFlex Kool SBS G** is a hot asphalt applied SBS modified bitumen membrane with reflective white granules on the top surface and fire-retardant chemistry.
- **XtraFlex Kool APPG** is a torch applied APP modified bitumen membranes with reflective white granules on the top surface.
- **XtraFlex Kool APP S SA** is a self-adhered, polyester reinforced, modified bitumen membrane with a reflective white film laminate on the top surface..

**Limitations and Installation:****General installation Requirements:**

All IRC and 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 XtraFlex 10 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.
  - Polyglass LRF-M in continuous 1/4" to 1/2" wide ribbons, 12" o.c.
  - Polyglass LRF-M-PG 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: OMG OlyBond 500 Green Adhesive may be used in any system listing OMG OlyBond 500 Adhesive.*
  - Polyset 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.
  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)
    - Polyglass LRF-M: MDP – 157.5 psf (min. 1/2" thick)
    - Polyglass LRF-M-PG: MDP – 157.5 psf (min. 1/2" thick)
    - OMG OlyBond 500 or OMG OlyBond Green Adhesive Fastener: MDP -45.0 psf (min. 1/2" Multi-Max FA-3)
    - OMG OlyBond 500 or OMG OlyBond Green Adhesive Fastener: MDP -315.0 psf (min. 1/2" ENRGY 3)
    - OMG OlyBond 500 or OMG OlyBond Green Adhesive Fastener: MDP -487.5 psf (min. 1/2" AC Foam-II)
    - Polyset CR-20: MDP -117.5 psf (min. 1" thick)

## 9. Appendix 1

<b>APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE</b>					
<b>Table</b>	<b>Deck</b>	<b>Assembly No.</b>	<b>Application</b>	<b>Description</b>	<b>Page</b>
1A	Wood	W-1	New, or Reroof (Tear-Off)	Bonded Insulation, Bonded Roof Cover	8
1B	Wood	W-2 – W-4	New, Reroof (Tear-Off) or Recover	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	8-10
1C	Wood	W-5 – W-12	New or Reroof (Tear-Off)	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	11-14
1D	Wood	W-13 – W-14	New or Reroof (Tear-Off)	Mech. Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	15-16
1E	Wood	W-15 – W-16	New, Re-roof (Tear-Off) or Recover	Mech. Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	17
1F	Wood	W-17 – W-20	New or Reroof (Tear-Off)	Mech. Attached Insulation, Bonded Roof Cover	18-20
1G	Wood	W-21 – W-25	New, Reroof (Tear-Off) or Recover	Mech. Attached Insulation, Bonded Roof Cover	21-23
1H	Wood	W-26 – W-29	New or Reroof (Tear-Off)	Mech. Attached Base Sheet, Bonded Roof Cover	24-26
1I	Wood	W-30 – W-38	New, Reroof (Tear-Off) or Recover	Mech. Attached Base Sheet, Bonded Roof Cover	27-31
1J	Wood	W-39 – W-65	New or Reroof (Tear-Off)	Non-Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	32-39
1K	Wood	W-66 – W-101	New, Reroof (Tear-Off) or Recover	Non-Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	40-51
1L	Wood	W-103	New or Reroof (Tear-Off)	Non-Insulated, Bonded Roof Cover	52
2A	Concrete	C-47	New or ReRoof (Tear-Off)	Bonded Insulation, Bonded Roof Cover	52

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

<b>TABLE 1: POLYGLASS ROOF COVERS</b>			
<b>Reference</b>	<b>Layer</b>	<b>Material</b>	<b>Application</b>
BP-AA (Base and Ply sheets, Asphalt-Applied)	Base	XtraFlex G2 Base	Hot asphalt at 20-40 lbs/square
	Ply	ASTM D2178, Type IV, or VI	
SBS-CA1	Base	XtraFlex SBS Glass Base (sand/sand), XtraFlex SBS HT Base 650, XtraFlex SBS Glass Interply, XtraFlex SBS Poly Base, Elastoshield TS	PG350 at 1.5-2.0 gal/square
	Cap	XtraFlex SBS Glass Interply, XtraFlex SBS Glass G, XtraFlex SBS Poly Base, Elastoshield TS, XtraFlex SBS Poly G HP, XtraFlex Kool SBS G (sand-backed)	
SBS-AA (SBS, Asphalt-Applied)	Base or Ply	XtraFlex SBS Glass Base (sand/sand or poly/sand), XtraFlex SBS HT Base 650, XtraFlex SBS Glass Interply, XtraFlex SBS Poly Base, Elastoshield TS, Elastoshield TS FR	Hot asphalt at 20-40 lbs/square
	Cap	XtraFlex SBS Glass Interply, XtraFlex SBS Glass G, XtraFlex SBS Poly Base, Elastoshield TS, Elastoshield TS FR, XtraFlex SBS Poly G HP, XtraFlex Kool SBS G (sand-backed)	
SBS-TA (SBS, Torch-Applied)	Base or Ply	XtraFlex SBS Glass Base (sand/poly or poly/poly), XtraFlex SBS HT Base 650, XtraFlex SBS Glass Interply, XtraFlex SBS Poly Base, Elastoshield TS, Elastoshield TS FR	Torch-Applied
	Cap	XtraFlex SBS Glass Interply, XtraFlex SBS Glass G, XtraFlex SBS Poly Base, XtraFlex SBS Poly G HP, XtraFlex Kool SBS G (poly-film backed)	
SBS-SA (SBS, Self-Adhering)	Base or Ply	XtraFlex SBS Base SA	Self-Adhering
	Cap	XtraFlex SBS G SA, XtraFlex Kool SBS S SA	
APP-CA1	Cap	XtraFlex APP G	PG350 at 1.5-2.0 gal/square
APP-TA (APP, Torch-Applied)	Base or Ply	XtraFlex APP Glass Base, XtraFlex APP S	Torch-Applied
	Cap	XtraFlex APP S, XtraFlex APP G, XtraFlex Kool APP G	
APP-SA (APP, Self-Adhering)	Cap	Xtraflex APP G SA, XtraFlex Kool APP G SA, Xtraflex Kool APP S SA	Self-Adhering

11. (Optional) Apply any of the following coatings to the top roof membrane. Apply the coatings in accordance with the manufacturer's installation instructions.

- XTRAFlex 10 – A general all-purpose penetrating asphalt primer.
- XtraFlex 20 Bituminous Roof Coating – Non-Fibered Roof Coating
- XtraFlex 30 Bituminous Roof Coating-Fibered – Fibered Roof Coating
- XtraFlex 60 – Non-Fibered Aluminum Roof Coating
- XtraFlex 65 – Fiber Aluminum Roof Coating
- XtraFlex 80 – Non-Fibered Asphalt Emulsion Roof Coating
- XtraFlex 70 – Premium Grade Elastomeric Roof Coating in white or tinted
- XtraFlex SRC 9600 – High Solids Silicone Roof Coating in white or tinted
- XtraFlex SRC 8000 – Silicone Roof Coating in white or tinted
- XtraFlexc EP Primer – A two component, 1 to 1 ratio, water-based 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 <sup>1</sup>	Insulation		Roof Cover <sup>2</sup>		
		Base	Top	Base	Ply	Cap
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" in Polyset CR-20	(Optional) Additional layer(s) of base insulation in Polyset 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
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>				
-52.5		Polyset 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 <sup>1</sup>	Anchor Sheet			Insulation		Roof Cover <sup>2</sup>		
		Type	Fasteners	Attach	Base	Top	Base	Ply	Cap
W-2	Min. 15/32" Plywood	XtraFlex 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. 1/4" DensDeck Prime or SECUROCK Gypsum Fiber Roof Board in hot asphalt	SBS-AA, SBS-TA, or APP-TA, self-adhered ( <b>self-adhered requires use of torch-applied sheet overtop</b> )	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-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 <sup>1</sup>	Anchor Sheet			Insulation		Roof Cover <sup>2</sup>		
		Type	Fasteners	Attach	Base	Top	Base	Ply	Cap
W-3	Min. 15/32" Plywood	XtraFlex G2 Base	Dekfast PLT-H-2-7/8 plates with Dekfast DF-#14-PH3 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. 1/4" DensDeck Prime or SECUROCK Gypsum Fiber Roof Board in hot asphalt	SBS-AA, SBS-TA, or APP-TA, self-adhered ( <b>self-adhered requires use of torch-applied sheet overtop</b> )	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-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 <sup>1</sup>	Anchor Sheet			Insulation		Roof Cover <sup>2</sup>		
		Type	Fasteners	Attach	Base	Top	Base	Ply	Cap
W-4	Min. 15/32" Plywood	XtraFlex 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. 1/4" 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
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-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:**

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 <sup>1</sup>	Anchor Sheet		Insulation		Roof Cover <sup>2</sup>		
		Type	Attach	Base	Top	Base	Ply	Cap
W-5	Min. 19/32" Plywood or Min. 19/32 OSB	XtraFlex SBS Glass Base, XtraFlex SBS HT Base 650, XtraFlex APP Glass 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) BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA
W-6	Min. 19/32" Plywood or Min. 19/32 OSB	XtraFlex SBS Glass Base, XtraFlex SBS HT Base 650, XtraFlex APP Glass Base, CertainTeed Glasbase, Firestone MB Base, JM Perma-Ply 28, Tamko Glass Base or GAF GAFGLAS #75	Simplex MAXX Cap fasteners primed with XtraFlex 10 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 <sup>3</sup> , 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) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Anchor Sheet Attachment</b>						
-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 XtraFlex 10 or ASTM D-41 Primer.

**Limitations and Installation:**

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 <sup>1</sup>	Anchor Sheet		Insulation		Roof Cover <sup>2</sup>		
		Type	Attach	Base	Top	Base	Ply	Cap
W-7	Min. 19/32" Plywood or Min. 19/32 OSB	XtraFlex APP Glass 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) BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA
W-8	Min. 19/32" Plywood or Min. 19/32 OSB	XtraFlex APP Glass Base, CertainTeed Glasbase, Firestone MB Base, JM Perma-Ply 28, Tamko Glass Base or GAF GAFGLAS #75	Simplex MAXX Cap fasteners primed with XtraFlex 10 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 <sup>3</sup> , 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) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Anchor Sheet Attachment</b>						
-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 XtraFlex 10 or ASTM D-41 Asphalt Primer.

### Limitations and Installation:

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 <sup>1</sup>	Anchor Sheet		Insulation		Roof Cover <sup>2</sup>		
		Type	Attach	Base	Top	Base	Ply	Cap
W-9	Min. 19/32" Plywood or Min. 19/32 OSB	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	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), Polyset CR-20 or Millennium One-Step Foamable Adhesive, or Polyglass LRF-M, 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), Polyset CR-20 or Millennium One-Step Foamable Adhesive, or Polyglass LRF-M 12" o.c.	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-SA, SBS-TA or APP-TA	SBS-AA, SBS-TA, APP-TA, SBS-SA or APP-SA
W-10	Min. 19/32" Plywood or Min. 19/32 OSB	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	Simplex MAXX Cap fasteners with XtraFlex 10 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), Polyset CR-20 or Millennium One-Step Foamable Adhesive, or Polyglass LRF-M, 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), Polyset CR-20 or Millennium One-Step Foamable Adhesive, or Polyglass LRF-M 12" o.c.	SBS-SA	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Anchor Sheet Attachment</b>						
-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:**

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 <sup>1</sup>	Anchor Sheet		Insulation		Roof Cover <sup>2</sup>		
		Type	Attach	Base	Top	Base	Ply	Cap
W-11	Min. 19/32" Plywood or Min. 19/32 OSB	XtraFlex SBS Glass Base, XtraFlex SBS HT Base 650, XtraFlex APP Glass 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 PLT-H-2-7/8 plates, Polygrip Hex Plates with Dekfast DF-#14-PH3, 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) BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA
W-12	Min. 19/32" Plywood or Min. 19/32 OSB	XtraFlex SBS Glass Base, XtraFlex SBS HT Base 650, XtraFlex APP Glass 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 PLT-H-2-7/8 plates, Polygrip Hex Plates with Dekfast DF-#14-PH3, 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 <sup>3</sup> , 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) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Anchor Sheet Attachment</b>						
-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 XtraFlex 10 or ASTM D-41 Asphalt Primer.

**Limitations and Installation:**

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 <sup>1</sup>	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover <sup>2</sup>		
		Type	Attach	Base	Top	Base	Ply	Cap
W-13	Min. 19/32" Plywood or Min. 19/32 OSB	Min. 1.5" ENRGY 3, H-Shield or Polytherm-H	Dekfast PLT-H-2-7/8 plates, Polygrip Hex Plates with Dekfast DF-#14-PH3, Dekfast DF-#15-PH3, 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) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
Design Pressure (psf)		Base 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:**

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 <sup>1</sup>	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover <sup>2</sup>		
		Type	Attach	Base	Top	Base	Ply	Cap
W-14	Min. 19/32" Plywood or Min. 19/32 OSB	Min. 1.5" ENRGY 3, H-Shield or Polytherm-H	Dekfast PLT-H-2-7/8 plates, Polygrip Hex Plates with Dekfast DF-#14-PH3 or Dekfast DF-#15-PH3, 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) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Insulation Attachment</b>						
		<b>Density (ft2 / fastener)</b>	<b>Parts per 4 x 4' board</b>		<b>Parts per 4 x 8' board</b>			
-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:**

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 <sup>1</sup>	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover <sup>2</sup>		
		Type	Attach	Base	Top	Base	Ply	Cap
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 PLT-H-2-7/8 plates with Dekfast DF-#14-PH3 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. 1/4" 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)		Base 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:**

TABLE 1F: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate <sup>1</sup>	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover <sup>2</sup>		
		Type	Attach	Base	Top	Base	Ply	Cap
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 PLT-H-2-7/8 plates, Polygrip Hex Plates with Dekfast DF-#14-PH3, Dekfast DF-#15-PH3, 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) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Top Insulation Attachment</b>						
		<b>Density (ft<sup>2</sup> / fastener)</b>		<b>Parts per 4 x 4' board</b>		<b>Parts per 4 x 8' board</b>		
-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:**

TABLE 1F (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate <sup>1</sup>	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover <sup>2</sup>		
		Type	Attach	Base	Top	Base	Ply	Cap
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 PLT-H-2-7/8 plates, Polygrip Hex plates with Dekfast DF-#12-PH3, Dekfast DF-#14-PH3, Dekfast DF-#15-PH3, 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) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Top Insulation Attachment</b>						
		<b>Density (ft2 / fastener)</b>		<b>Parts per 4 x 4' board</b>		<b>Parts per 4 x 8' board</b>		
-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:**

TABLE 1F (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate <sup>1</sup>	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover <sup>2</sup>		
		Type	Attach	Base	Top	Base	Ply	Cap
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 PTL-H-2-7/8 plates, Polygrip Hex Plates with Dekfast DF-#14-PH3, Dekfast DF-#15-PH3, Polygrip Fasteners #14, Polygrip Fasteners #15 or TruFast 3" Steel Insulation Plates with TruFast #14 HD or Trufast #15 EHD Fasteners	SBS-SA	(Optional) SBS-TA, APP-TA or SBS-SA	SBS-TA, APP-TA, SBS-SA or APP-SA
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 PTL-H-2-7/8 plates, Polygrip Hex Plates with Dekfast DF-#14-PH3, Dekfast DF-#15-PH3, Polygrip Fasteners #14 or Polygrip Fasteners #15	(Optional if using AA Ply) BP-AA, SBS-AA	(Optional if using AA Base) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Top Insulation Attachment</b>						
		<b>Density (ft2 / fastener)</b>		<b>Parts per 4 x 4' board</b>		<b>Parts per 4 x 8' board</b>		
-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:**

TABLE 1G: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate <sup>1</sup>	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover <sup>2</sup>		
		Type	Attach	Base	Top	Base	Ply	Cap
W-21	Min. 15/32" Plywood	One or more layers, any combination, min. 1.0"	Loose laid	Min. 1/4" SECUROCK Gypsum-Fiber Roof Board optionally primed with WB3000	Dekfast PLT-R-3 or Dekfast PLT-H-2-7/8 plates with Dekfast DF-#14-PH3 fasteners or Polygrip Hex Plates with Polygrip Fasteners #14 or 3 in. Ribbed Galvalume Plates (Flat), AccuTrac Flat Bottom Plates or OMG 3" Galvalume Steel Plates with #14 Roofgrip fasteners or Trufast 3" Metal Insulation Plates with Trufast #14 HD Fasteners	SBS-SA	None	SBS-SA
W-22	Min. 15/32" Plywood	One or more layers, any combination, min. 1.0"	Loose laid	Min. 1/4" DensDeck Prime optionally primed with WB3000	Dekfast PLT-R-3 or Dekfast PLT-H-2-7/8 plates with Dekfast DF-#14-PH3 fasteners or Polygrip Hex Plates with Polygrip Fasteners #14 or AccuTrac Flat Bottom Plates or OMG 3" Galvalume Steel Plates with #14 Roofgrip fasteners or Trufast 3" Metal Insulation Plates with Trufast #14 HD Fasteners	SBS-SA	None	SBS-SA
<b>Design Pressure (psf)</b>		<b>Top Insulation Attachment</b>						
		<b>Density (ft<sup>2</sup> / fastener)</b>		<b>Parts per 4 x 4' board</b>		<b>Parts per 4 x 8' board</b>		
-45.0		2.0		8		16		

**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 1G (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate <sup>1</sup>	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover <sup>2</sup>		
		Type	Attach	Base	Top	Base	Ply	Cap
W-23	Min. 19/32 OSB	None	N/A	Min. 1.5" EnergyGuard Polyiso Insulation, ACFoam-II, ACFoam-III, ENRGY 3, ENRGY 3 CGF, H-Shield, H-Shield CG, ISO 95+ GL, Multi-Max FA-3, Polytherm or Ultra-Max optionally primed with POLYBRITE 745	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	SBS-SA	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
Design Pressure (psf)		Top Insulation Attachment						
		Density (ft <sup>2</sup> / fastener)		Parts per 4 x 4' board		Parts per 4 x 8' board		
-67.5		1.33		12		24		

**Footnote:**

1. Min. 19/32" 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 1G (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate <sup>1</sup>	Base Insulation Layer(s)		Top Insulation Layer		Roof Cover <sup>2</sup>		
		Type	Attach	Base	Top	Base	Ply	Cap
W-24	Min. 15/32" Plywood	One or more layers, any combination	Loose laid	Min. 1/4" DensDeck Prime or SECUROCK Gypsum Fiber Roof Board	Dekfast PLT-H-2-7/8 plates with Dekfast DF-#14-PH3 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
<b>Design Pressure (psf)</b>		<b>Top Insulation Attachment</b>						
		<b>Density (ft<sup>2</sup> / fastener)</b>		<b>Parts per 4 x 4' board</b>		<b>Parts per 4 x 8' board</b>		
-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:**

TABLE 1H: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	Substrate <sup>1</sup>	Insulation Layer(s)		Base Sheet		Roof Cover <sup>2</sup>	
		Base Layer	Top Layer	Type	Fasteners	Ply	Cap
W-26	Min. 19/32" Plywood or Min. 19/32 OSB	One or more layers, any combination, prelim. attached	(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, prelim. attached	XtraFlex SBS Glass Base, XtraFlex SBS HT Base 650, XtraFlex APP Glass 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	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>					
-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 <sup>1</sup>	Insulation Layer(s)		Base Sheet		Roof Cover <sup>2</sup>	
		Base Layer	Top Layer	Type	Fasteners	Ply	Cap
W-27	Min. 19/32" Plywood or Min. 19/32 OSB	One or more layers, any combination, prelim. attached	(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, prelim. attached	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	OMG Flat Bottom Plates (square) with #14 Roofgrip fasteners or Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) SBS-SA	SBS-SA, APP-SA, SBS-AA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>					
-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:**

TABLE 1H (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	Substrate <sup>1</sup>	Insulation Layer(s)		Base Sheet		Roof Cover <sup>2</sup>	
		Base Layer	Top Layer	Type	Fasteners	Ply	Cap
W-28	Min. 19/32" Plywood or Min. 19/32 OSB	One or more layers, any combination, prelim. attached	(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, prelim. attached	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	OMG Flat Bottom Plates (square) with #12 Standard Roofgrip fasteners or Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>					
-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:**

TABLE 1H (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	Substrate <sup>1</sup>	Insulation Layer(s)		Base Sheet		Roof Cover <sup>2</sup>	
		Base Layer	Top Layer	Type	Fasteners	Ply	Cap
W-29	Min. 19/32" Plywood or Min. 19/32 OSB	One or more layers, any combination, prelim. attached	(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, prelim. attached	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	OMG Flat Bottom Plates (square) with #12 Standard Roofgrip or Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>					
-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:**

<b>TABLE 11: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER</b>							
<b>Assembly No.</b>	<b>Substrate<sup>1</sup></b>	<b>Insulation Layer(s)</b>		<b>Base Sheet</b>		<b>Roof Cover<sup>2</sup></b>	
		<b>Base Layer</b>	<b>Attach</b>	<b>Type</b>	<b>Fasteners</b>	<b>Ply</b>	<b>Cap</b>
W-30	Min. 19/32 OSB	(Optional) One or more layers, any combination	Prelim. Attached	XtraFlex SBS Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
W-31	Min. 19/32 OSB	(Optional) One or more layers, any combination	Prelim. Attached	XtraFlex APP Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) APP-TA	APP-TA
W-32	Min. 19/32 OSB	(Optional) One or more layers, any combination	Prelim. Attached	XtraFlex SBS Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>					
-67.5		12" o.c. at 4" laps and 12" o.c. at two, equally spaced, staggered center rows.					

**Footnote:**

1. Min. 19/32" 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 11 (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	Substrate <sup>1</sup>	Insulation Layer(s)		Base Sheet		Roof Cover <sup>2</sup>	
		Base Layer	Attach	Type	Fasteners	Ply	Cap
W-33	Min. 15/32" Plywood	(Optional) One or more layers, any combination	Prelim. Attached	XtraFlex APP Glass Base	Dekfast PLT-H-2-7/8 plates with Dekfast DF-#14-PH3 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
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>					
-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:**

TABLE 11 (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	Substrate <sup>1</sup>	Insulation Layer(s)		Base Sheet		Roof Cover <sup>2</sup>	
		Base Layer	Attach	Type	Fasteners	Ply	Cap
W-34	Min. 15/32" Plywood	(Optional) One or more layers, any combination	Prelim. Attached	XtraFlex APP Glass Base	Dekfast PLT-H-2-7/8 plates with Dekfast DF-#14-PH3 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
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>					
-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:**

TABLE 11 (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	Substrate <sup>1</sup>	Insulation Layer(s)		Base Sheet		Roof Cover <sup>2</sup>	
		Base Layer	Attach	Type	Fasteners	Ply	Cap
W-35	Min. 7/16" OSB	(Optional) One or more layers, any combination	Prelim. Attached	XtraFlex SBS Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
W-36	Min. 7/16" OSB	(Optional) One or more layers, any combination	Prelim. Attached	XtraFlex APP Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) APP-TA	APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>					
-90.0		9" o.c. at 2" laps and 12" o.c. at two, equally spaced, staggered center rows.					

**Footnote:**

1. Min. 7/16" 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 11 (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	Substrate <sup>1</sup>	Insulation Layer(s)		Base Sheet		Roof Cover <sup>2</sup>	
		Base Layer	Attach	Type	Fasteners	Ply	Cap
W-37	Min. 7/16" OSB	(Optional) One or more layers, any combination	Prelim. Attached	XtraFlex SBS Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
W-38	Min. 7/16" OSB	(Optional) One or more layers, any combination	Prelim. Attached	XtraFlex APP Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) APP-TA	APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>					
-105.0		6" o.c. at 4" laps and 6" o.c. at three, equally spaced, staggered center rows.					

**Footnote:**

1. Min. 7/16" 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 1J: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER						
Assembly No.	Substrate <sup>1</sup>	Slip Sheet	Base Sheet		Roof Cover <sup>2</sup>	
			Type	Fasteners	Ply	Cap
W-39	Min. 7/16" OSB	None	XtraFlex SBS Glass Base	32 ga., 1-5/8" diameter tin caps with 12-ga. annular ring shank nails	None	SBS-AA, SBS-TA or APP-TA
W-40	Min. 7/16" OSB	None	XtraFlex SBS Glass Base (poly-film top)	32 ga., 1-5/8" diameter tin caps with 12-ga. annular ring shank nails	None	SBS-SA or APP-SA
W-41	Min. 7/16" OSB	None	XtraFlex APP Glass Base	32 ga., 1-5/8" diameter tin caps with 12-ga. annular ring shank nails	None	APP-TA
W-42	Min. 7/16" OSB	None	XtraFlex SBS Glass Base	32 ga., 1-5/8" diameter tin caps with 12-ga. annular ring shank nails	(Optional) One or more plies BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
W-43	Min. 7/16" OSB	None	XtraFlex APP Glass Base	32 ga., 1-5/8" diameter tin caps with 12-ga. annular ring shank nails	(Optional) One or more plies APP-TA	APP-TA
W-44	Min. 7/16" OSB	None	XtraFlex SBS Glass Base	32 ga., 1-5/8" diameter tin caps with 12-ga. annular ring shank nails	(Optional) One or more plies SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>				
-45.0		6" o.c. at 3" laps and 6" o.c. at four, equally spaced, staggered center rows.				

**Footnote:**

1. Min. 7/16" 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:**

<b>TABLE 1J (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER</b>						
<b>Assembly No.</b>	<b>Substrate<sup>1</sup></b>	<b>Slip Sheet</b>	<b>Base Sheet</b>		<b>Roof Cover<sup>2</sup></b>	
			<b>Type</b>	<b>Fasteners</b>	<b>Ply</b>	<b>Cap</b>
W-45	Min. 19/32" Plywood or Min. 19/32 OSB	(Optional) ASTM D 4601, Type II base sheet prelim. attached	XtraFlex SBS Glass Base, XtraFlex SBS HT Base 650, XtraFlex G2 Base, CertainTeed Glasbase, Firestone MB Base, JM Perma-Ply 28, Tamko Glass Base or GAF GAFGLAS #75	Simplex MAXX Cap fasteners	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
W-46	Min. 19/32" Plywood or Min. 19/32 OSB	(Optional) ASTM D 4601, Type II base sheet prelim. attached	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	Simplex MAXX Cap fasteners primed with XtraFlex 10 or ASTM D41 Primer	(Optional) SBS-SA	SBS-SA, APP-SA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>				
-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:**

<b>TABLE 1J (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER</b>						
<b>Assembly No.</b>	<b>Substrate<sup>1</sup></b>	<b>Slip Sheet</b>	<b>Base Sheet</b>		<b>Roof Cover<sup>2</sup></b>	
			<b>Type</b>	<b>Fasteners</b>	<b>Ply</b>	<b>Cap</b>
W-47	Min. 7/16" OSB	None	XtraFlex SBS Glass Base	Simplex MAXX Cap fasteners	None	SBS-AA, SBS-TA or APP-TA
W-48	Min. 7/16" OSB	None	XtraFlex SBS Glass Base (poly-film top)	Simplex MAXX Cap fasteners	None	SBS-TA or APP-TA
W-49	Min. 7/16" OSB	None	XtraFlex APP Glass Base	Simplex MAXX Cap fasteners	None	APP-TA
W-50	Min. 7/16" OSB	None	XtraFlex SBS Glass Base	Simplex MAXX Cap fasteners <i>Note: MAXX Caps are to be primed with XtraFlex 10 or ASTM D41 primer</i>	None	SBS-SA, APP-SA, SBS-TA or APP-TA
W-51	Min. 7/16" OSB	None	XtraFlex SBS Glass Base	Simplex MAXX Cap fasteners	(Optional) One or more plies BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
W-52	Min. 7/16" OSB	None	XtraFlex SBS Glass Base (poly-film top)	Simplex MAXX Cap fasteners	(Optional) One or more plies SBS-TA	SBS-TA or APP-TA
W-53	Min. 7/16" OSB	None	XtraFlex APP Glass Base	Simplex MAXX Cap fasteners	(Optional) One or more plies APP-TA	APP-TA
W-54	Min. 7/16" OSB	None	XtraFlex SBS Glass Base	Simplex MAXX Cap fasteners <i>Note: MAXX Caps are to be primed with XtraFlex 10 or ASTM D41 primer</i>	(Optional) One or more plies SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>				
-60.0		8" o.c. at 3" laps and 8" o.c. at three, equally spaced, staggered center rows.				

**Footnote:**

1. Min. 7/16" 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:**

<b>TABLE 1J (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER</b>						
<b>Assembly No.</b>	<b>Substrate<sup>1</sup></b>	<b>Slip Sheet</b>	<b>Base Sheet</b>		<b>Roof Cover<sup>2</sup></b>	
			<b>Type</b>	<b>Fasteners</b>	<b>Ply</b>	<b>Cap</b>
W-55	Min. 19/32" Plywood or Min. 19/32 OSB	(Optional) ASTM D 4601, Type II base sheet prelim. attached	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	Trufast VERSA-FAST Fasteners & Plates with one screw per plate primed with XtraFlex 10 or ASTM D41 Primer	XtraFlex SBS Base SA	SBS-SA, APP-SA, SBS-AA, SBS-TA or APP-TA
W-56	Min. 19/32" Plywood or Min. 19/32 OSB	(Optional) ASTM D 4601, Type II base sheet prelim. attached	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	Trufast VERSA-FAST Fasteners & Plates with one screw per plate primed with XtraFlex 10 or ASTM D41 Primer	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>				
-112.5		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.

<b>TABLE 1J (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER</b>						
<b>Assembly No.</b>	<b>Substrate<sup>1</sup></b>	<b>Slip Sheet</b>	<b>Base Sheet</b>		<b>Roof Cover<sup>2</sup></b>	
			<b>Type</b>	<b>Fasteners</b>	<b>Ply</b>	<b>Cap</b>
W-57	Min. 19/32" Plywood or Min. 19/32 OSB	(Optional) ASTM D 4601, Type II base sheet prelim. attached	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	Trufast VERSA-FAST Fasteners & Plates with one screw per plate primed with XtraFlex 10 or ASTM D41 Primer	(Optional) SBS-SA	SBS-SA, APP-SA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>				
-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:**

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 <sup>1</sup>	Base Sheet		Roof Cover <sup>2</sup>	
		Type	Fasteners	Ply	Cap
W-58	Min. 19/32" Plywood or Min. 19/32 OSB	XtraFlex SBS Glass Base, XtraFlex SBS HT Base 650, XtraFlex APP Glass 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 PLT-H-2-7/8 plates, Polygrip Hex Plates with Dekfast DF-#14-PH3, 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) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>			
-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 <sup>1</sup>	Base Sheet		Roof Cover <sup>2</sup>	
		Type	Fasteners	Ply	Cap
W-59	Min. 19/32" Plywood or Min. 19/32 OSB	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	OMG Flat Bottom Plates (square) with #14 Roofgrip fasteners, Dekfast PLT-H-2-7/8 plates, Polygrip Hex Plates with Dekfast DF-#14-PH3, 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) SBS-SA	SBS-SA, APP-SA, SBS-AA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>			
-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:**

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 <sup>1</sup>	Base Sheet		Roof Cover <sup>2</sup>	
		Type	Fasteners	Ply	Cap
W-60	Min. 19/32" Plywood or Min. 19/32 OSB	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	OMG Flat Bottom Plates (square) with #12 Standard Roofgrip fasteners or Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>			
-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 <sup>1</sup>	Base Sheet		Roof Cover <sup>2</sup>	
		Type	Fasteners	Ply	Cap
W-61	Min. 19/32" Plywood or Min. 19/32 OSB	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	OMG Flat Bottom Plates (square) with #12 Standard Roofgrip fasteners or Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) SBS-SA, SBS-TA or APP-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>			
-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:**

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 <sup>1</sup>	Base Sheet		Roof Cover <sup>2</sup>	
		Type	Fasteners	Ply	Cap
W-62	Min. 19/32" Plywood or Min. 19/32 OSB	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	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
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>			
-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 <sup>1</sup>	Base Sheet		Roof Cover <sup>2</sup>	
		Type	Fasteners	Ply	Cap
W-63	Min. 19/32" Plywood or Min. 19/32 OSB	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	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
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>			
-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:**

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 <sup>1</sup>	Slip Sheet	Base Sheet		Roof Cover <sup>2</sup>	
			Type	Fasteners	Ply	Cap
W-64	Min. 7/16" Plywood or Min. 7/16" OSB	None	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	32-ga., 1-5/8" diameter tin caps with 12-ga. annular ring shank nails	(Optional) SBS-SA or SBS-TA	SBS-SA, APP- SA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>				
-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:**

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 <sup>1</sup>	Slip Sheet	Base Sheet		Roof Cover <sup>2</sup>	
			Type	Fasteners	Ply	Cap
W-65	Min. 7/16" Plywood or Min. 7/16" OSB	None	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	Simplex MAXX Cap fasteners primed with XtraFlex 10 or ASTM D41 Primer	(Optional) SBS-SA or SBS-TA	SBS-SA, APP-SA, SBS-TA or APP- TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>				
-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:**

<b>TABLE 1K: POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER</b>						
<b>Assembly No.</b>	<b>Substrate<sup>1</sup></b>	<b>Slip Sheet</b>	<b>Base Sheet</b>		<b>Roof Cover<sup>2</sup></b>	
			<b>Type</b>	<b>Fasteners</b>	<b>Ply</b>	<b>Cap</b>
W-66	Min. 19/32" OSB	None	XtraFlex SBS Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	None	SBS-AA, SBS-TA or APP-TA
W-67	Min. 19/32" OSB	None	XtraFlex SBS Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	None	SBS-SA or APP-SA
W-68	Min. 19/32" OSB	None	XtraFlex APP Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	None	APP-TA
W-69	Min. 19/32" OSB	None	XtraFlex SBS Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
W-70	Min. 19/32" OSB	None	XtraFlex APP Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) APP-TA	APP-TA
W-71	Min. 19/32" OSB	None	XtraFlex SBS Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>				
-67.5		12" o.c. at 4" laps and 12" o.c. at two, equally spaced, staggered center rows.				

**Footnote:**

1. Min. 19/32" 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 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 <sup>1</sup>	Slip Sheet	Base Sheet		Roof Cover <sup>2</sup>	
			Type	Fasteners	Ply	Cap
W-72	Min. 7/16" Plywood or Min. 7/16" OSB	None	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS- TA or APP- TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>				
-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.

**Limitations and Installation:**

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 <sup>1</sup>	Slip Sheet	Base Sheet		Roof Cover <sup>2</sup>	
			Type	Fasteners	Ply	Cap
W-73	Min. 7/16" OSB	None	XtraFlex SBS Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	None	SBS-AA, SBS-TA or APP-TA
W-74	Min. 7/16" OSB	None	XtraFlex APP Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	None	APP-TA
W-75	Min. 7/16" OSB	None	XtraFlex SBS Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
W-76	Min. 7/16" OSB	None	XtraFlex APP Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) APP-TA	APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>				
-90.0		9" o.c. at 2" laps and 12" o.c. at two, equally spaced, staggered center rows.				

**Footnote:**

1. Min. 7/16" 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 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 <sup>1</sup>	Slip Sheet	Base Sheet		Roof Cover <sup>2</sup>	
			Type	Fasteners	Ply	Cap
W-77	Min. 7/16" Plywood or Min. 7/16" OSB	None	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS- TA or APP- TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>				
-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:**

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 <sup>1</sup>	Slip Sheet	Base Sheet		Roof Cover <sup>2</sup>	
			Type	Fasteners	Ply	Cap
W-78	Min. 7/16" OSB	None	XtraFlex SBS Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	None	SBS-AA, SBS-TA or APP-TA
W-79	Min. 7/16" OSB	None	XtraFlex APP Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	None	APP-TA
W-80	Min. 7/16" OSB	None	XtraFlex SBS Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBA-TA or APP-TA
W-81	Min. 7/16" OSB	None	XtraFlex APP Glass Base	Trufast VERSA-FAST Fasteners & Plates with two screws per plate	(Optional) APP-TA	APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>				
-105.0		6" o.c. at 4" laps and 6" o.c. at three, equally spaced, staggered center rows.				

**Footnote:**

1. Min. 7/16" 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 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 <sup>1</sup>	Slip Sheet	Base Sheet		Roof Cover <sup>2</sup>	
			Type	Fasteners	Ply	Cap
W-82	Min. 19/32" OSB	None	XtraFlex SBS Glass Base	Trufast VERSA-FAST Fasteners & Plates with one screw per plate	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
W-83	Min. 19/32" OSB	None	XtraFlex SBS Glass Base (poly-film top)	Trufast VERSA-FAST Fasteners & Plates with one screw per plate	SBS-TA	SBS-TA or APP-TA
W-84	Min. 19/32" OSB	None	XtraFlex APP Glass Base	Trufast VERSA-FAST Fasteners & Plates with one screw per plate	APP-TA	APP-TA
W-85	Min. 19/32" OSB	None	XtraFlex SBS Glass Base	Trufast VERSA-FAST Fasteners & Plates with one screw per plate <i>Note: Versa-Fast Plates shall be primed with PG100 or ASTM D41 primer</i>	SBS-SA	SBS-SA, APP-SA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>				
-127.5		9" o.c. at 4" laps and 9" o.c. at four, equally spaced center rows.				

**Footnote:**

1. Min. 19/32" 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 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 <sup>1</sup>	Slip Sheet	Base Sheet		Roof Cover <sup>2</sup>		
			Type	Fasteners	Ply	Cap	
W-86	Min. 19/32" Plywood or Min. 19/32 OSB	(Optional) Polyglass G2 Base, prelim. attached	XtraFlex SBS Glass Base, XtraFlex SBS HT Base 650, XtraFlex APP Glass Base, CertainTeed Glasbase, Firestone MB Base, JM Perma-Ply 28, Tamko Glass Base or GAF GAFGLAS #75		Simplex MAXX Cap fasteners	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA
W-87	Min. 19/32" Plywood or Min. 19/32 OSB	(Optional) Polyglass G2 Base, prelim. attached	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650		Simplex MAXX Cap fasteners primed with XtraFlex 10 or ASTM D41 Primer	(Optional) SBS-SA, BP-AA or SBS-AA	SBS-SA, APP-SA, SBS-AA, SBS-TA or APP-TA
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>					
-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 <sup>1</sup>	Slip Sheet	Base Sheet		Roof Cover <sup>2</sup>		
			Type	Fasteners	Ply	Cap	
W-88	Min. 15/32" Plywood	None	XtraFlex APP Glass 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
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>					
-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:**

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 <sup>1</sup>	Slip Sheet	Base Sheet		Roof Cover <sup>2</sup>	
			Type	Fasteners	Ply	Cap
W-89	Min. 15/32" Plywood	None	XtraFlex APP Glass Base	Dekfast PLT-H-2-7/8 plates with Dekfast DF-#14-PH3 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
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>				
-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 <sup>1</sup>	Slip Sheet	Base Sheet		Roof Cover <sup>2</sup>	
			Type	Fasteners	Ply	Cap
W-90	Min. 15/32" Plywood	None	XtraFlex APP Glass Base	Dekfast PLT-H-2-7/8 plates with Dekfast DF-#14-PH3 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
<b>Design Pressure (psf)</b>		<b>Base Sheet Attachment</b>				
-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:**

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 <sup>1</sup>	Base Sheet		Roof Cover <sup>2</sup>	
		Type	Fasteners	Ply	Cap
W-91	Min. 15/32" Plywood	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650 (sand surfaced)	Simplex MAXX Cap fasteners	(Optional) BP-AA, SBS-AA or SBS-TA	SBS-AA
W-92	Min. 15/32" Plywood	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650 (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	
-90.0 < P ≤ -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:**

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 <sup>1</sup>	Base Sheet		Roof Cover <sup>2</sup>	
		Type	Fasteners	Ply	Cap
W-93	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 XtraFlex 10 or ASTM D41 Primer	(Optional) SBS-SA or SBS-TA	SBS-SA, APP-SA, SBS-TA or APP-TA
W-94	Min. 19/32" Plywood or Min. 19/32 OSB	XtraFlex SBS Glass Base or XtraFlex SBS HT Base 650 (sand top surface)	Simplex MAXX Cap fasteners	(Optional) BP-AA or SBS-AA	SBS-AA
W-95	Min. 19/32" Plywood or Min. 19/32 OSB	XtraFlex APP Glass Base	Simplex MAXX Cap fasteners primed with XtraFlex 10 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:**

<b>TABLE 1K (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER</b>					
<b>Assembly No.</b>	<b>Substrate<sup>1</sup></b>	<b>Base Sheet</b>		<b>Roof Cover<sup>2</sup></b>	
		<b>Type</b>	<b>Fasteners</b>	<b>Ply</b>	<b>Cap</b>
W-96	Min. 15/32" Plywood	XtraFlex SBS Glass Base, XtraFlex SBS HT Base 650 (sand top surface) or XtraFlex 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
W-97	Min. 15/32" Plywood	XtraFlex SBS Glass Base, XtraFlex SBS HT Base 650 (sand top surface) or XtraFlex 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
W-98	Min. 15/32" Plywood	XtraFlex APP Glass Base or XtraFlex 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
<b>Base Sheet Attachment</b>					
<b>Design Pressure (psf)</b>		<b>At Lap</b>		<b>Staggered Center Row(s)</b>	
		<b>Max Spacing (o.c.)</b>	<b>Min. Lap Width</b>	<b>Max Spacing (o.c.)</b>	<b>Min. # of Rows</b>
-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:**

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 <sup>1</sup>	Base Sheet		Roof Cover <sup>2</sup>	
		Type	Fasteners	Ply	Cap
W-99	Min. 15/32" Plywood	XtraFlex SBS Glass Base, XtraFlex SBS HT Base 650 (sand top surface) or XtraFlex 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
W-100	Min. 15/32" Plywood	XtraFlex SBS Glass Base, XtraFlex SBS HT Base 650 (sand top surface) or XtraFlex 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
W-101	Min. 15/32" Plywood	XtraFlex APP Glass Base or XtraFlex 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)		<b>Base Sheet Attachment</b>			
		<b>At Lap</b>		<b>Staggered Center Row(s)</b>	
		<b>Max Spacing (o.c.)</b>	<b>Min. Lap Width</b>	<b>Max Spacing (o.c.)</b>	<b>Min. # of Rows</b>
-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:**

TABLE 1L (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF)				
WOOD DECK, NON-INSULATED, BONDED ROOF COVER				
Assembly No.	Roof Cover <sup>2</sup>			
	Joint Treatment	Base	Ply	Cap
W-103	None	SBS-SA	N/A	SBS-SA*, APP-SA* or APP-TA
Design Pressure (psf)	Substrate			Primer
-90.0	Min. 19/32" Plywood <sup>1</sup>			(Optional) XtraFlex 10 or ASTM D41 Primer *Primer is required

**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:**

TABLE 2A (CONTINUED): POLYGLASS MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF)			
CONCRETE DECK, NON-INSULATED, BONDED ROOF COVER			
Assembly No.	Roof Cover <sup>1</sup>		
	Base	Ply	Cap
C-47	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		Approved XtraFlex 10 or ASTM D41 Primer

**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 and the IBC.