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EVALUATION REPORT

Polyglass USA, Inc.
150 Lyon Drive
Fernley, NV 98408

Evaluation Report P12060.02.09-R5
FL5259-R10
Date of Issuance: 02/24/2009
Revision 5: 06/25/2010

SCOPE:

This Evaluation Report is issued under Rule 9B-72 and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code and Florida Building Code, Residential Volume. The products described herein have been designed to comply with the 2007 Florida Building Code sections noted herein.

DESCRIPTION: Polyglass Roof Underlayments

LABELING: Each unit shall bear labeling in accordance with the requirements the Accredited Quality Assurance Agency noted herein.

CONTINUED COMPLIANCE: This Evaluation Report is valid until such time as the named product(s) changes, the referenced Quality Assurance documentation changes, or provisions of the Code that relate to the product change. Acceptance of this Evaluation Report by the named client constitutes agreement to notify Robert Nieminen, P.E. if the product changes or the referenced Quality Assurance documentation changes. Trinity|ERD requires a complete review of this Evaluation Report relative to updated Code requirements with each Code Cycle.

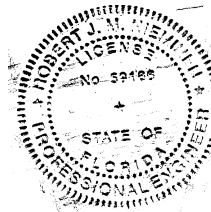
ADVERTISEMENT: The Evaluation Report number preceded by the words "Trinity|ERD Evaluated" may be displayed in advertising literature. If any portion of the Evaluation Report is displayed, then it shall be done in its entirety.

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

This Evaluation Report consists of pages 1 through 9.

Prepared by:

Robert J.M. Nieminen, P.E.
 Florida Registration No. 59166, Florida DCA ANE1983



The facsimile seal appearing was authorized by Robert Nieminen, P.E. on 06/25/2010. This does not serve as an electronically signed document. Signed, sealed hardcopies have been transmitted to the Product Approval Administrator and to the named client.

CERTIFICATION OF INDEPENDENCE:

1. Trinity|ERD does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. Trinity|ERD is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the evaluation reports are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

ROOFING COMPONENT EVALUATION:

1. SCOPE:

Product Category: Roofing

Sub-Category: Underlayment

Compliance Statement: Roof Underlayments, as produced by Polyglass USA, Inc., have demonstrated compliance with the following sections of the Florida Building Code (non-HVHZ) through testing in accordance with the following Standards. Compliance is subject to the Installation Requirements and Limitations / Conditions of Use set forth herein.

2. STANDARDS:

Section	Property	Standard	Year
1507.2.4, 1507.2.9.2, 1507.3.3, 1507.5.3, 1507.6.3	Physical Properties	ASTM D1970	2001
1507.2.3, 1507.3.3, 1507.5.3, 1507.7.3, 1507.8.3, 1507.9.3, 1507.9.4	Physical Properties	ASTM D226	1997
1507.11.2	Physical Properties	ASTM D6164	2000
1507.11.2	Physical Properties	ASTM D6222	2002
1504.6	Accelerated Aging	ASTM G154	2000
1504.6	Accelerated Aging	ASTM G155	2004
1504.3.1	Wind Uplift	FM 4470	1992

3. REFERENCES:

Entity	Examination	Reference	Date
PRI (TST 5878)	Physical Properties	PRI01111	04/08/2002
PRI (TST 5878)	Physical Properties	PUSA-005-02-01	01/31/2002
PRI (TST 5878)	Physical Properties	PUSA-013-02-01	12/23/2002
PRI (TST 5878)	Physical Properties	PUSA-013-02-02	12/23/2002
PRI (TST 5878)	Physical Properties	PUSA-013-02-03	12/23/2002
PRI (TST 5878)	Physical Properties	PUSA-018-02-01	07/14/2003
PRI (TST 5878)	Physical Properties	PUSA-028-02-01	07/13/2005
PRI (TST 5878)	Physical Properties	PUSA-033-02-01	01/12/2006
PRI (TST 5878)	Physical Properties	PUSA-035-02-01	09/29/2006
PRI (TST 5878)	Physical Properties	PUSA-055-02-02	12/10/2007
PRI (TST 5878)	Physical Properties	PUSA-061-02-02	01/28/2008
PRI (TST 5878)	Physical Properties	PUSA-076-02-01	02/22/2008
PRI (TST 5878)	Physical Properties	PUSA-083-02-01	04/14/2008
PRI (TST 5878)	Physical Properties	PUSA-088-02-01	07/29/2009
MTI (TST 2508)	Physical Properties	JX20H7A	04/01/2008
MTI (TST 2508)	Physical Properties	RX14E8A	01/29/2009
ERD (TST 6049)	Physical Properties	11752.09.99-1	02/08/2000
ERD (TST 6049)	Physical Properties	02200.07.03	07/14/2003
ERD (TST 6049)	Physical Properties	P5110.04.07-1	04/11/2007
ERD (TST 6049)	Physical Properties	P13450.08.09	08/13/2009
ERD (TST 6049)	Physical Properties	P33360.06.10	06/25/2010
ICC-ES (EVL 2396)	IBC Compliance	ESR-1697	01/01/2005
ICC-ES (EVL 2396)	IBC Compliance	ESR-1160	03/01/2005
Miami-Dade (CER 1592)	HVHZ Compliance	NOA	Current
Polyglass USA	Manufacturing Affidavit	Products Current	02/18/2009
Polyglass USA	P/L Affidavit	Mule-Hide Cross Ltg	03/01/2008
UL (QUA1743)	Quality Control	File No. R14571, Vol 1	Exp. 11/30/2012

4. PRODUCT DESCRIPTION:

4.1 **Mechanically Fastened Underlayments:**

4.1.1 ELASTOBASE is a fiberglass reinforced, SBS modified bitumen base sheet.

4.1.2 ELASTOBASE P is a polyester-reinforced, SBS modified bitumen base sheet.

4.2 **Self-Adhering Underlayments:**

4.2.1 POLYSTICK MTS is a rubberized asphalt waterproofing membrane, glass fiber reinforced, surfaced with polyolefinic film surface.

4.2.2 POLYSTICK IR-Xe is a rubberized asphalt waterproofing membrane, glass fiber reinforced, with a sand surface.

4.2.3 POLYSTICK TU is a rubberized asphalt waterproofing membrane, glass fiber reinforced, with a granular surface.

4.2.4 POLYSTICK TU Plus is a rubberized asphalt waterproofing membrane, glass fiber reinforced, with a high strength polyester fabric surface.

4.2.5 POLYSTICK TU P is a rubberized asphalt waterproofing membrane, glass-fiber/polyester reinforced, with a granular surface.

4.2.6 POLYFLEX SAP, POLYFLEX SAP FR, MULE-HIDE SA-APP CAP SHEET AND MULE-HIDE SA-APP CAP SHEET (FR) are a polyester reinforced, APP modified bitumen cap sheets.

4.2.7 DUAL PRO™ is a dual-layer rubberized asphalt waterproofing membranes, fiberglass reinforced, with a high strength polyester fabric surface.

4.2.8 TILE PRO™ is a dual-layer rubberized asphalt waterproofing membranes, fiberglass reinforced, with a high strength polyester fabric surface.

4.3 **Mechanically Fastened and/or Bonded Underlayments:**

4.3.1 ELASTOFLEX S6G AND ELASTOFLEX S6G FR are polyester reinforced, SBS modified bitumen cap sheets.

4.3.2 POLYFLEX G AND POLYFLEX G FR are polyester reinforced, APP modified bitumen cap sheets.

5. LIMITATIONS:

5.1 This Evaluation Report is not for use in the HVHZ.

5.2 Fire Classification is not part of this Laboratory Report; refer to current Approved Roofing Materials Directory for fire ratings of this product.

5.3 Polyglass Roof Underlayments may be used with any prepared roof cover where the product is specifically referenced within FBC approval documents. If not listed, a request may be made to the AHJ for approval based on this evaluation combined with supporting data for the prepared roof covering.

5.4 Allowable roof covers applied atop the underlayments are as follows:

Table 1: Roof Cover Options						
Underlayment	Asphalt Shingles	Nail-On Tile	Foam-On Tile	Metal	Wood Shakes & Shingles	Slate
Elastobase	Yes	Yes	No	Yes	Yes	Yes
Elastobase P	Yes	Yes	No	Yes	Yes	Yes
Polystick MTS	Yes	Yes (Batten only)	No	Yes	Yes	Yes
Polystick IR-Xe	Yes	No	No	No	Yes	Yes
Polystick TU	Yes	Yes	Yes	No	Yes	Yes
Polystick TU P	Yes	Yes	Yes	No	Yes	Yes
Polystick TU Plus	Yes	Yes	Yes	Yes	Yes	Yes
Dual Pro	Yes	Yes	No	Yes	Yes	Yes
Tile Pro	Yes	Yes	No	Yes	Yes	Yes
Elastoflex S6G or S6G FR	Yes	Yes	Yes	No	Yes	Yes
Polyflex G or G FR	Yes	Yes	Yes	No	Yes	Yes
Polyflex SAP or SAP FR	Yes	Yes	Yes	No	Yes	Yes
Mule-Hide SA-APP Cap Sheet or SA-APP Cap Sheet (FR)	Yes	Yes	Yes	No	Yes	Yes

5.4.1 "Foam-On Tile" is limited to use of the following Approved tile adhesives unless tensile adhesion / long term aging data from an accredited testing laboratory is provided.

- Polyfoam PolyPro AH160: Polystick TU, Polystick TU P, Polystick TU Plus, Elastoflex S6G, Elastoflex S6G FR, Polyflex G, Polyflex G FR, Polyflex SAP, Polyflex SA Cap FR, Mule-Hide SA-APP Cap Sheet or Mule-Hide SA-APP Cap Sheet (FR).
- Dow TileBond: Polystick TU P or Polyflex SAP

5.4.1.1 The maximum design pressure for direct-bond Polystick self-adhering applications to plywood or primed plywood is -135 psf. This is pertinent for foam-on tile systems only, where the bonded underlayment forms part of the load-path.

5.4.2 For nail-on tile systems over Polystick MTS, battens are required for both loading / staging of the tile and tile installation; direct-to-deck nail-on tile applications are not permissible with Polystick MTS.

5.4.3 For mechanically attached metal and nail-on tile, an underlayment system consisting of Polystick MTS followed by Polystick MTS, TU, TU P or TU Plus or Polystick SAP is permissible.

5.5 Allowable substrates are noted below:

5.5.1 Direct-Bond to Deck:

- Polystick, Polyflex SAP or SAP FR, Mule-Hide SA-APP Cap Sheet or SA-APP Cap Sheet (FR) self-adhered to: ASTM D41 primed structural concrete; OSB; Southern Yellow Pine; New untreated plywood; existing plywood primed as needed with ASTM D41 primer; or Huber Engineered Woods "ZIP System" Panels (designed and installed to meet wind loads for project).
- Dual Pro or Tile Pro self-adhered to: New untreated plywood; or existing plywood primed as needed with ASTM D41 primer.
- Elastoflex S6G or S6G FR in hot asphalt to: ASTM D41 primed structural concrete.
- Polyflex G or G FR torch-applied to: ASTM D41 primed structural concrete.

5.5.1.1 The maximum design pressure for direct-bond Polystick self-adhering applications to plywood or primed plywood is -135 psf. This is pertinent for foam-on tile systems only, where the bonded underlayment forms part of the load-path. For other substrates, consult Polyglass USA, Inc.

5.5.2 Bond-to-Insulation:

- Polystick, Polyflex SAP or SAP FR, Mule-Hide SA-APP Cap Sheet or SA-APP Cap Sheet (FR) self-adhered to: ASTM C1289, Type II, Class 1 polyisocyanurate or Type V polyisocyanurate-composite insulation; DensDeck DuraGuard; DensDeck Prime; or SECUROCK Gypsum-Fiber Roof Board.
- Elastoflex S6G or S6G FR in hot asphalt to: DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board.
- Polyflex G or G FR torch-applied to: ASTM D41 primed structural concrete; DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board.

For installation under mechanically attached prepared roof coverings, insulation shall be attached per minimum requirements of the prepared roof covering manufacturer's Product Approval. For installations under foam-on tile systems, insulation shall be designed by a qualified design professional and installed based on testing of the insulation/underlayment system in accordance with FM 4470, Appendix K or TAS 114, Appendix J.

5.5.3 Bond to Mechanically Attached Base Layer:

- Polystick, Polyflex SAP or SAP FR, Mule-Hide SA-APP Cap Sheet or SA-APP Cap Sheet (FR) Dual Pro or Tile Pro self-adhered to: ASTM D226, Type I or II felt; Elastobase; Elastobase P or Mule-Hide Nail Base.
- Elastoflex S6G or S6G FR in hot asphalt to: ASTM D226, Type I or II felt; Elastobase; Elastobase P or Mule-Hide Nail Base.
- Polyflex G or G FR torch-applied to: Elastobase; Elastobase P or Mule-Hide Nail Base.

For installations under mechanically attached prepared roof coverings, base layer shall be attached per minimum codified requirements. For installations under foam-on tile systems, base layer shall be attached per minimum requirements of FRSA/TRI 07320/8-05 or RAS 120.

5.6 Exposure Limitations:

5.6.1 Elastobase, Elastobase P, Dual Pro or Tile Pro shall not be left exposed for longer than 30-days after installation.

5.6.2 Polystick IR-Xe shall not be left exposed for longer than 90-days after installation.

5.6.3 Polystick MTS, TU, TU P or TU Plus shall not be left exposed for longer than 180-days after installation.

5.6.4 Polyflex SAP or SAP FR, or Mule-Hide SA-APP Cap Sheet or SA-APP Cap Sheet (FR) does not have an exposure limitation, unless the prepared roof covering is to be adhesive-set tile, in which case the maximum exposure is 30 days.

5.6.5 Elastoflex S6G or S6G FR or Polyflex G or G FR does not have an exposure limitation, unless the prepared roof covering is to be adhesive-set tile, in which case the maximum exposure is 180 days.

5.7 For tile roof installations governed by the FRSA/TRI 07320/8-05 Installation Manual, Fourth Edition, use is limited to the following:

Table 2: Tile System Options for Roof Underlayments per FRSA/TRI 07320/8-05				
System	Underlay Option	Section	Reference	Product(s)
<u>System One:</u> Mechanically Fastened Tile, Unsealed or Sealed Underlayment System	1	3.02A	Modified Cap Sheet	Elastoflex S6G or S6G FR; Polyflex G or G FR
	2	3.02B	No. 30 / Modified Cap Sheet	Elastobase; Elastobase P / Elastoflex S6G or S6G FR or Polyflex G or G FR
	3	3.02C	No. 30 / Modified Cap Sheet	Elastobase; Elastobase P / Elastoflex S6G or S6G FR
	4	3.02D	No. 30	Elastobase; Elastobase P
	5	3.02E	Self-Adhered Underlayment	Polystick MTS (batten only); TU; TU P; TU Plus; Polyflex SAP or SAP FR; Mule-Hide SA-APP Cap Sheet or SA-APP Cap Sheet (FR); Dual Pro; Tile Pro
	6	3.02F	No. 30 / Self-Adhered Underlayment	Elastobase; Elastobase P; Mule-Hide Nail Base / Polystick MTS (batten only); TU; TU P; TU Plus; Polyflex SAP or SAP FR, Mule-Hide SA-APP Cap Sheet or SA-APP Cap Sheet (FR); Dual Pro; Tile Pro
<u>System Two:</u> Mechanically Fastened Tile, Sealed Underlayment System	1	3.02A	Modified Cap Sheet	Elastoflex S6G or S6G FR; Polyflex G or G FR
	2	3.02B	No. 30 / Modified Cap Sheet	Elastobase; Elastobase P / Elastoflex S6G or S6G FR or Polyflex G or G FR
	3	3.02C	No. 30 / Modified Cap Sheet	Elastobase; Elastobase P / Elastoflex S6G or S6G FR
	4	3.02D	Self-Adhered Underlayment	Polystick TU; TU P; TU Plus; Polyflex SAP or SAP FR; Mule-Hide SA-APP Cap Sheet or SA-APP Cap Sheet (FR); Dual Pro; Tile Pro
	5	3.02E	No. 30 / Self-Adhered Underlayment	Elastobase; Elastobase P; Mule-Hide Nail Base / Polystick TU; TU P; TU Plus; Polyflex SAP or SAP FR, Mule-Hide SA-APP Cap Sheet or SA-APP Cap Sheet (FR) Dual Pro; Tile Pro
<u>System Four "A":</u> Adhesive-Set Tile, Unsealed or Sealed Underlayment System	1	3.02A	Modified Cap Sheet	Elastoflex S6G or S6G FR; Polyflex G or G FR
	2	3.02B	No. 30 / Modified Cap Sheet	Elastobase; Elastobase P / Elastoflex S6G or S6G FR or Polyflex G or G FR
	4	3.02D	Self-Adhered Underlayment	Polystick TU; TU P; TU Plus; Polyflex SAP or SAP FR; Mule-Hide SA-APP Cap Sheet or SA-APP Cap Sheet (FR)
	5	3.02E	No. 30 / Self-Adhered Underlayment	Elastobase; Elastobase P; Mule-Hide Nail Base / Polystick TU; TU P; TU Plus; Polyflex SAP or SAP FR, Mule-Hide SA-APP Cap Sheet or SA-APP Cap Sheet (FR)
<u>System Four "B":</u> Adhesive-Set Tile, Sealed Underlayment System	1	3.02A	No. 30 / Modified Cap Sheet	Elastobase; Elastobase P / Elastoflex S6G or S6G FR or Polyflex G or G FR
	3	3.02C	Self-Adhered Underlayment	Polystick TU; TU P; TU Plus; Polyflex SAP or SAP FR; Mule-Hide SA-APP Cap Sheet or SA-APP Cap Sheet (FR)
	4	3.02D	No. 30 / Self-Adhered Underlayment	Elastobase; Elastobase P; Mule-Hide Nail Base / Polystick TU; TU P; TU Plus; Polyflex SAP or SAP FR, Mule-Hide SA-APP Cap Sheet or SA-APP Cap Sheet (FR)

6. INSTALLATION:

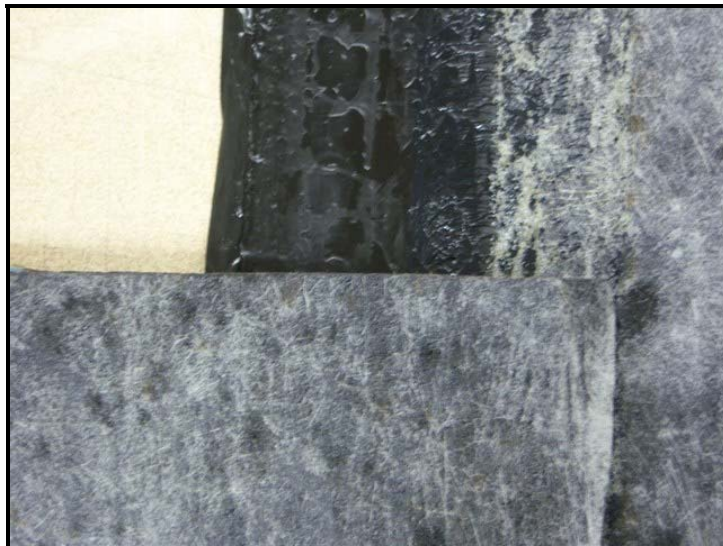
- 6.1 Polyglass Roof Underlayments shall be installed in accordance with Polyglass published installation requirements subject to the Limitations set forth in Section 5 herein and the specifics noted below.
- 6.2 Re-fasten any loose decking panels, and check for protruding nail heads. Sweep the substrate thoroughly to remove any dust and debris prior to application, and prime the substrate (if applicable).

6.3 Elastobase, Elastobase P or Mule-Hide Nail Base:

- 6.3.1 Shall be installed in compliance with the requirements for ASTM D226, Type II underlayment in FBC Sections 1507 for the type of prepared roof covering to be installed.
- 6.3.2 For use in non-tile applications:
 - 6.3.2.1 Reference is made to the current edition of the NRCA Steep-slope Roofing Manual and ARMA recommendations for installing shingle underlayments and flashings
 - 6.3.2.2 Elastobase, Elastobase P or Mule-Hide Nail Base may be covered with a layer of Polystick, Polyflex SAP or SAP FR, Mule-Hide SA-APP Cap Sheet or SA-APP Cap Sheet (FR), Dual Pro or Tile Pro, self-adhered, Elastoflex S6G or S6G FR in hot asphalt or Polyflex G or G FR, torch applied.
- 6.3.3 For use in tile applications, reference is made to Polyglass published installation instructions in conjunction with FRSA/TRI 07320/8-05 Installation Manual, Fourth Edition, and Table 2 herein.

6.4 Polystick MTS, IR-Xe, TU, TU P or TU Plus, Polyflex SAP or SAP FR, Mule-Hide SA-APP Cap Sheet or SA-APP Cap Sheet (FR), Dual Pro or Tile Pro:

- 6.4.1 Shall be installed in compliance with the requirements for ASTM D1970 underlayment in FBC Sections 1507 for the type of prepared roof covering to be installed.
- 6.4.2 For non-tile applications:
 - 6.4.2.1 All self-adhering materials, with the exception of Polystick TU Plus, Polyflex SAP or SAP FR and Mule-Hide SA-APP Cap Sheet or SA-APP Cap Sheet (FR) should be back-nailed in selvage edge seam as per Polyglass / Mule-Hide Back Nailing Guide. Nails shall be corrosion resistant, 11 gauge ring-shank type with a minimum 1-inch diameter metal disk or Simplex-type metal cap nail, at a minimum rate of 12" o.c. Polystick TU Plus should be back-nailed using the above noted fasteners and spacing, in area marked "nail area, area para clavar" on the face of membrane. The head lap membrane is to cover the area being back-nailed
 - 6.4.2.2 All seal lap seams (selvage laps) must be firmly rolled with a minimum 28 lb. hand roller to ensure full contact and adhesion. For Dual Pro and Tile Pro, align the edge of the top sheet to the end of the glue pattern (the sheet will overlap the fabric).

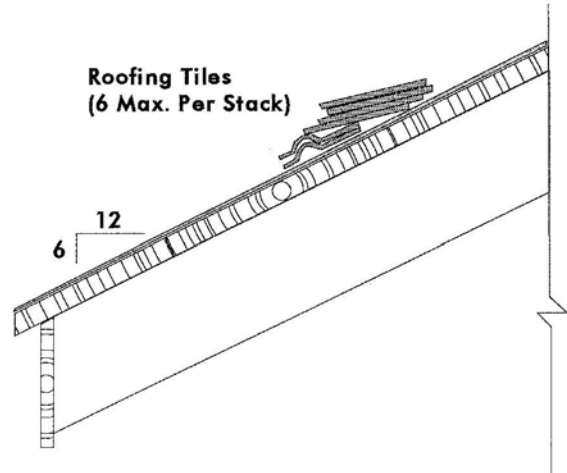
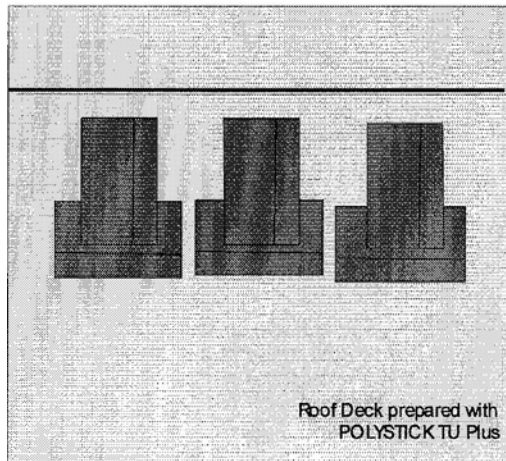


View of Overlap Seam of Dual Pro and Tile Pro

- 6.4.2.3 All over-fabric and over-granule end-laps shall have a 6-inch wide, uniform layer of Polyglass Polyplus 55 Premium Modified Flashing Cement, Polyglass Polyplus 50 Premium MB Flashing Cement, Polyglass PG500 MB Flashing Cement, Mule-Hide 241 Premium Modified Flashing Cement, Mule-Hide 251 Premium Wet/Dry Electrometric Flashing Cement, or Mule-Hide 421 Mod Bit Flashing Adhesive Trowel Grade mastic, applied in between the application of the lap.
- 6.4.2.4 Polystick TU Plus, Dual Pro and Tile Pro may not be used in any exposed application such as crickets, exposed valleys, or exposed roof to wall details
- 6.4.2.5 Repair of Polystick membranes is to be accomplished by applying Polyglass Polyplus 55 Premium Modified Flashing Cement, Polyglass Polyplus 50 Premium MB Flashing Cement, Polyglass PG500 MB Flashing Cement, Mule-Hide 241 Premium Modified Flashing Cement, Mule-Hide 251 Premium Wet/Dry Elastomeric Flashing Cement, or Mule-Hide 421 Mod Bit Flashing Adhesive Trowel Grade mastic to the area in need of repair, followed by a minimum 6 x 6 inch patch of the Polystick material of like kind, set and hand rolled in place over the repair area. Patch laps, if needed, shall be installed in a water shedding manner.
- 6.4.2.6 All Polystick membranes shall be installed to ensure full contact with approved substrates. Polyglass requires a minimum of 40-lb weighted-roller or, on steep slopes, use of a stiff broom with approximately 40-lbs of load applied for the field membrane. Hand rollers are acceptable for rolling of patches, laps (min. 28 lb roller) or small areas of the roof that are not accessible to a large roller or broom.
- 6.4.3 For tile applications (*not allowed for Polystick IR-Xe*):
 - 6.4.3.1 Reference is made to Section 6.4.2 herein in conjunction with FRSA/TRI 07320/8-05 Installation Manual, Fourth Edition, and Table 2 herein, using the instructions noted above as a guideline.
 - 6.4.3.2 For nail-on tile systems over Polystick MTS, battens are required for both loading / staging of the tile and tile installation; direct-to-deck nail-on tile applications are not permissible with Polystick MTS.
- 6.5 Elastoflex S6G or S6G FR:**
 - 6.5.1 Elastoflex S6G or S6G FR shall be installed in compliance with current Polyglass published installation requirements. For use in tile applications, reference is made FRSA/TRI 07320/8-05 Installation Manual, Fourth Edition, and Table 2 herein.
 - 6.5.2 Elastoflex S6G or S6G FR shall be fully asphalt-applied to the substrates noted in Section 5.5. Side laps shall be minimum 3-inch and end-laps minimum 6-inch wide, and off set end-laps minimum 3 feet from course to course. Side and end laps shall be fully adhered in a complete mopping of hot asphalt with asphalt extending approximately 3/8-inch beyond the lap edge.
- 6.6 Polyflex G or G FR:**
 - 6.6.1 Polyflex G or G FR shall be installed in compliance with current Polyglass published installation requirements. For use in tile applications, reference is made FRSA/TRI 07320/8-05 Installation Manual, Fourth Edition, and Table 2 herein.
 - 6.6.2 Polyflex G or G FR shall be fully asphalt-applied to the substrates noted in Section 5.5. Side laps shall be minimum 3-inch and end-laps minimum 6-inch wide, and off set end-laps minimum 3 feet from course to course. Side and end laps shall be fully heat-welded and inspected to ensure minimum 3/8-inch flow of modified compound beyond the lap edge.

6.7 Tile Staging:

6.7.1 A maximum of 6 tiles per stack are allowed when loading tile directly onto the underlayments. Refer to the Polyglass Tile Loading Guidelines.



6.7.2 Battens and/or Counter-battens, as required by the tile manufacturer and FRSA/TRI 07320/8-05 must be used on all roof slopes of 7:12 or greater. For roof slopes in excess of 6¼:12, precautions should be taken, such as the use of battens to prevent tile sliding during the loading process.

6.7.3 For nail-on tile systems over Polystick MTS, battens are required for both loading / staging of the tile and tile installation; direct-to-deck nail-on tile applications are not permissible with Polystick MTS.

6.7.4 The minimum cure time after installation of self-adhering membranes and before loading of roofing tiles is forty-eight (48) hours.

7. LABELING:

Each unit shall bear a permanent label with the manufacturer's name, logo, city, state and logo of the Accredited Quality Assurance Agency noted herein.

8. BUILDING PERMIT REQUIREMENTS:

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

9. MANUFACTURING PLANTS:

Contact the noted QA agency for information on product locations covered for F.A.C. Rule 9B-72 QA requirements

10. QUALITY ASSURANCE ENTITY:

Underwriters Laboratories – QUA1743
(847) 664-3281

- END OF EVALUATION REPORT -