

PRODUCT MANAGEMENT ANNOUNCEMENT

#PMA 01242024-01

January 24, 2024

To: Polyglass Customers

RE: Ember Resistance and Roofing: CA Building Code Compliance in the WUI/Fire Hazard Severity Zone

Chapter 7A of the California Building Code and Section R377 of the California Residential Building Code states that steep slope roofing assemblies located in designated WUI (Wildland Urban Interface)/Fire Hazard Severity Zone regions must meet a Class A fire rating when tested in accordance with ASTM E108 or UL790. **Furthermore, to prevent the intrusion of flames and embers onto combustible roof decks, a fire rated underlayment must be installed over the decking when the roof profile has an airspace under the roof covering.** Class A fire-rated roof coverings (e.g., clay/concrete roof tiles) must comply with this last condition.

The CA building code provide two options to satisfy this requirement a) a 72 lb. (32.7kg) cap sheet complying with ASTM D3909, b) **a Class A fire rated roof underlayment, tested in accordance with ASTM E108.** The products must be installed over the roof deck. In both cases hip and ridge caps shall be mudded in to prevent intrusion of fire or embers.

Polyglass Solution: Apply one layer of Polyanchor XFR mechanically fastened reinforced modified bitumen anchor membrane underlayment. CalFire BML LISTING No.: 8180-2305:0504

Code also requires that Valley flashings (26 gauge galvanized sheet gage) be installed over a minimum 36-inch-wide (914 mm) underlayment consisting of one layer of No. 72 ASTM cap sheet running the full length of the valley.

Polyglass Solution: Apply one layer of Polystick XFR self-adhering modified bitumen single ply waterproofing underlayment. CalFire BML LISTING No.: 8180-2305:0503

Thank you for your continued business.



Marco Sieber
North America Product Manager - Membranes





**CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING & INVESTIGATIONS DIVISION
BUILDING MATERIALS LISTING PROGRAM**

LISTING SERVICE

LISTING No.:	8180-2305:0504
CATEGORY:	8180 - NON-WOOD ROOF COVERING/ASSEMBLIES FOR WILDLAND URBAN INTERFACE (W.U.I)
LISTEE:	Polyglass USA, Inc. 1111 W. Newport Center Drive, Deerfield Beach, FL, 33442 Contact: Ayala, Patricia (954) 233-1436 Email: payala@polyglass.com
DESIGN:	<p>PolyAnchor XFR mechanically fastened reinforced modified bitumen anchor membrane underlayment. Refer to listee's data sheet for additional detailed product description and operational considerations. Approved systems:</p> <p>Class A:</p> <p>Deck: C-15/32 or spaced sheathing</p> <p>Incline: Unlimited</p> <p>Base Sheet: One ply Polyanchor XFR, mechanically fastened</p> <p>Surfacing: Eagle Capistrano Concrete Tile, Eagle Bel-Air Concrete Tile, Boral "S" Clay Tile, or Boral 2-Piece Mission Cap & Pan Clay Tile, mechanically fastened</p>
RATING:	Class A
INSTALLATION:	In accordance with listee's printed installation instructions, applicable codes and ordinances, and in a manner acceptable to the authority having jurisdiction.
MARKING:	Listee's name, model number, rating, and UL label.
APPROVAL:	Listed as Class A roof covering assembly as described under "Design" for use in the Wildland Urban Interface areas. Refer to listee's Installation Instruction Manual for details. Model complies with the applicable requirements in UL 790, 9th Edition.
NOTES:	

4-6-23 VWW



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LISTING SERVICE



This listing is based upon technical data submitted by the applicant. OSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: 05/16/2023

Listing Expires: 06/30/2024

Authorized By: **David Castillo**, Program Coordinator
Fire Engineering & Investigations Division



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LISTING SERVICE

LISTING No.:	8180-2305:0503
CATEGORY:	8180 - NON-WOOD ROOF COVERING/ASSEMBLIES FOR WILDLAND URBAN INTERFACE (W.U.I)
LISTEE:	Polyglass USA, Inc. 1111 W. Newport Center Drive, Deerfield Beach, FL, 33442 Contact: Ayala, Patricia (954) 233-1436 Email: payala@polyglass.com
DESIGN:	<p>Polystick XFR self-adhering modified bitumen single ply waterproofing underlayment. Refer to listee's data sheet and UL Roofing Systems Directories for detailed product description and operational considerations. Approved systems:</p> <p>Class A:</p> <p>Deck: NC Incline: Unlimited</p> <p>Insulation: Any UL Classified polyisocyanurate, any thickness</p> <p>Base Sheet: One ply "Polystick XFR" (self-adhered)</p> <p>*Surfacing: Any UL Listed or Classified copper panels or UL Listed or Classified steel standing seam panels, or shingles, 26 gauge minimum</p> <p>Deck: C-15/32 or spaced sheathing Incline: Unlimited Impact: 4</p> <p>Base Sheet (optional): Minimum one ply Type 15 or Type 30 asphalt saturated felt or Type G1 or Type G2 asphalt saturated glass mat, mechanically fastened</p> <p>Underlayment: One ply "Polystick XFR" (self-adhered)</p> <p>Insulation (optional): Any UL Classified polyisocyanurate, perlite, wood fiber or polyisocyanurate/perlite board, any thickness mechanically fastened or adhered with any UL Classified insulation adhesive</p> <p>Ply Sheet (optional): Minimum one ply Type 15 or Type 30 asphalt saturated felt or Type G1 or Type G2 asphalt saturated glass mat, or "Polystick XFR" self-adhered</p> <p>*Surfacing: Any UL Listed or Classified copper panels or UL Listed or Classified steel standing seam panels, or shingles, 26 gauge minimum</p> <p>*Deck: C-15/32 or spaced sheathing *Incline: Unlimited</p> <p>*Base Sheet (optional): Minimum one ply Type 15 or Type 30 asphalt saturated felt or</p>



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	<p>Type G1 or Type G2 asphalt saturated glass mat, mechanically fastened</p> <p>*Underlayment: Two plies "Polystick XFR" (self-adhered)</p> <p>*Insulation (optional): Any UL Classified polyisocyanurate, perlite, wood fiber or polyisocyanurate/perlite board, any thickness mechanically fastened or adhered with any UL Classified insulation adhesive</p> <p>*Ply Sheet (optional): Minimum one ply Type 15 or Type 30 asphalt saturated felt or Type G1 or Type G2 asphalt saturated glass mat, or "Polystick XFR" self-adhered</p> <p>*Surfacing: Any UL Classified minimum 0.032 inches thick aluminum panels, mechanically fastened</p>
RATING:	Class A
INSTALLATION:	In accordance with listee's printed installation instructions, applicable codes and ordinances, and in a manner acceptable to the authority having jurisdiction.
MARKING:	Listee's name, model number, rating, and UL label.
APPROVAL:	Listed as Class A roof covering assembly as described under "Design" for use in the Wildland Urban Interface areas. Refer to listee's Installation Instruction Manual for details. *Complies with the applicable requirements in UL 790, 8th Edition.
NOTES:	

*Rev 04-26-22
DAL



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Date Issued: 04/05/2023

Listing Expires: 06/30/2024

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