



# POLYSTICK<sup>®</sup> XFR

FIRE RESISTANT SELF-ADHERED ROOF UNDERLAYMENT



# Polystick XFR – Fire Resistant Self-Adhered Roof Underlayment

Polyglass Polystick XFR is a dual-purpose fire resistant and self-adhered waterproofing underlayment. Many fire rated underlayment products on the market today tout both waterproofing and fire resistance but fall short on one or the other. Polyglass combines two patented technologies to achieve the highest levels of performance in both categories. Utilizing ADESO® dual-compound self-adhered technology, Polystick XFR features a 80 mils combined elastomeric modified bitumen upper compound and an aggressive self-adhesive compound on the bottom to provide proven waterproofing protection; while Polyglass' patent pending Burn-Shield Technology® offers fire resistance capable of achieving the highest level of fire ratings.

The result is a product which helps in achieving superior waterproofing and UL Class A fire protection in a single layer\*, instead of the typical solution requiring multiple layers to achieve the same result. This translates to labor and material cost savings which ultimately benefits the building owner and contractor. The building occupants can enjoy the peace of mind knowing that Polystick XFR is providing safety and protection of their possessions.

## Features & Benefits

- Superior protection against fire spread/penetration and ember resistance in systems tested under UL 790
- Helps achieve UL Class A for Combustible Decks using a single layer\*
- Robust 80 mils (2 mm) of waterproofing rubberized asphalt
- Self-Adhered with split release film for ease of application
- Fiberglass reinforced for added strength and dimensional stability
- Skid-resistant top surface with max 180 days exposure
- Dedicated side lap for consistently strong seams
- Approved for applications up to 265°F
- Up to 30 year warranty  
(Reference Polyglass Warranties Terms & Conditions)



## Applicable Standards

- ASTM D1970
- UL Classified
- ICC ESR-1697
- Florida Building Code
- Miami-Dade County Approved
- Texas Department of Insurance
- Listed by California State Fire Marshall



***“Fire has met its match!”***



# UL Class A\*

A Polystick XFR underlayment provides added fire protection to a building when installed under asphalt shingles, clay/concrete tiles or metal roofing.

Underwriters Laboratories (UL) is the most widely respected testing agency for fire ratings and the "Class A" designation is the highest achievable classification, meaning that a roofing assembly has passed spread of flame, intermittent flame and burning brand tests. Class A fire ratings are required in many municipalities across the country by code. Even if the code authorities do not require Class A, specifiers and building owners may want a Class A roof system for their building to provide safety and protect their possessions.

A **clay or concrete tile** is a Class A roof covering by itself but Polystick XFR may still be desirable to increase ember resistance as a component of a Class A system under UL 790.

If you use Class A **asphalt glass fiber mat shingles** for your roof covering then you will automatically get a Class A rating for your system if you utilize Polystick XFR as an underlayment.

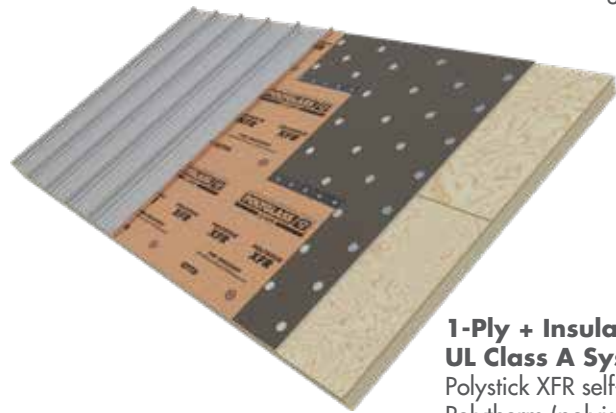
Metal has many great qualities as a roof covering but for all intents and purposes it is not fire resistant. Why? Because metal transmits heat from an exterior fire source to the combustible roof deck very efficiently and therefore a fire resistant sheet is needed to help it achieve a UL Class A fire rating. By simply installing Polystick XFR under a UL Listed **aluminum, steel or copper covering**, the roof system achieves Class A.\*



**1-Ply  
UL Class A System:**  
Direct to Plywood deck application of self-adhered Polystick XFR under Standing Seam metal



**1-Ply + Anchor Sheet  
UL Class A System:**  
Polystick XFR self-adhered to ASTM D226 (II) 30# Felt anchor sheet onto Plywood under Standing Seam metal



**1-Ply + Insulation  
UL Class A System:**  
Polystick XFR self-adhered to Polytherm (polyiso insulation) onto Plywood under Standing Seam metal

Polystick XFR Fire-Resistant Underlayment under Metal - UL Class A Rating Layer Requirements*					
Deck	Anchor Sheet (optional)	Insulation (optional)	Second Ply (optional)	Underlayment	Roof Covering
Plywood (15/32"), spaced sheathing or 7/16" OSB	ASTM D226 (II) 30# Felt	Polytherm Polyiso	Polystick XFR	Polystick XFR	UL Listed copper panels or steel standing seam panels, stone coated shingles, 26 gauge minimum
Deck	Anchor Sheet (optional)	Insulation (optional)	Second Ply (required)	Underlayment	Roof Covering
Plywood (15/32"), spaced sheathing or 7/16" OSB	ASTM D226 (II) 30# Felt	Polytherm Polyiso	Polystick XFR	Polystick XFR	UL Listed aluminum panels, 0.032" min.

\* Unlimited Slope. Refer to published UL product listings (TGFU.R25992) for specific fire rated assemblies.

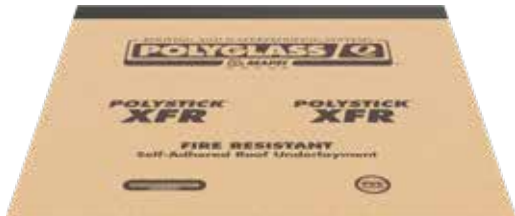


# Material and Labor Cost Savings



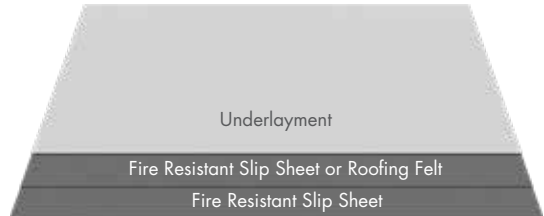
Polystick XFR provides superior water and fire protection in a single layer, instead of the typical solution requiring multiple layers to achieve the same result. This translates to labor and material cost savings which ultimately benefits the building owner and contractor. Here is an example of how Polystick XFR stacks up against a competitor's solution to achieve a UL Class A assembly under metal roofing.\*

## Polyglass XFR Typical 1-ply System



On a wood deck with metal covering.

## Competitors Traditional 3-Ply Solution



On a wood deck with metal covering.

# Warranty



Polystick XFR comes with a standard 10 Year Limited Material Warranty or a 10 year Polystick Labor & Material Warranty, when installed by a Polyglass Registered Contractor.

Polyglass also offers an enhanced 30 year 2-Ply Polystick Labor & Material Warranty, when two plies of Polystick XFR are used and installed by a Polyglass Registered Contractor.

### 2-Ply UL Class A 30 Year System:

- 1 Standing Seam Metal
- 2 Polystick XFR
- 3 Polystick XFR
- 4 Plywood Deck



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