

# POLYSTICK® MU-X

## FILM SURFACED SELF-ADHERED UNDERLAYMENT

### PRODUCT DESCRIPTION

Polystick® MU-X is a self-adhered waterproofing underlayment designed as a secondary water barrier for various roof coverings. Polystick MU-X is suitable for use with roof coverings and environments where a “high temperature underlayment” is desired. The polypropylene film surface offers slip-resistance. Reinforced with a fiberglass mat, Polystick MU-X has exceptional tensile strength and thermal stability.

Manufactured with patented ADESO® Technology, a dual compound manufacturing process, Polystick MU-X features a proprietary modified bitumen upper surface and an aggressive self-adhesive compound on the bottom. ADESO® Technology provides for a product with a true modified bitumen surface, and a split release film surface on the back allowing for exceptional long term performance and ease of application.

Polystick MU-X is rated as temperature resistant to 250°F and can be exposed on the roof for up to 90 days.

### TYPICAL APPLICATIONS

- Metal Underlayment
- Shingle Underlayment
- Tile Underlayment (mechanically attached)
- Flashing details and perimeter waterproofing

### FEATURES AND BENEFITS

- High temperature stability
- Exposure window of 90 days for job flexibility
- Enhanced polypropylene surface film
- Slip resistant film properties improve ease of installation and materials placement
- Convenient 3” lay lines printed on both edges allow bi-directional installation saving time and labor
- Patented ADESO® Dual-Compound self-adhesive technology provides superior adhesion and long-term performance

### TECHNICAL DESCRIPTION

TEST METHOD	PROPERTY	ASTM VALUE
ASTM D5147	Maximum Load, Longitudinal and Transverse, min, kN/m (lbf/in.)	4.4 (25)
ASTM D5147	Elongation at break, min of modified bitumen portion (%)	10
ASTM D5147	Tear Resistance, Longitudinal and Transverse, min, N (lbf)	89 (20)
ASTM E96	Moisture Vapor Permeability, max, perms	0.1
ASTM D1970	Adhesion to Plywood @ 40F, min, lbf/ft width	2.0
ASTM D1970	Adhesion to Plywood @ 75F, min, lbf/ft width	12.0
ASTM D1970	Sealability around nail	pass
ASTM D1970	Waterproof integrity after low temp flexibility	pass
ASTM D1970	Waterproof integrity of lap seam	pass
ASTM D1970	Slip Resistance	pass

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### PRODUCT DATA

Coverage (Approx) ..... 2 squares  
Weight (Approx) ..... 55 lbs  
Thickness (Nominal) ..... 1.35 mm; 54 mils  
Roll Size ..... 65' x 36"  
Rolls/Pallet ..... 20

### APPLICABLE STANDARDS

- ASTM D1970
- UL Classified for use in Class A, B & C roofs, as listed in the latest UL “Roofing Materials and Systems Directory”



WATERPROOFING & UNDERLAYMENT PRODUCTS

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### APPLICATION INSTRUCTIONS

- Polystick MU-X may be applied directly to the roof deck where allowable by Code.
- Do not apply directly on to existing shingles or other roof coverings.
- Apply only when the weather is dry and material interface temperatures (air, roof deck, membrane) are 40°F and rising.
- Cut the Polystick MU-X to a suitable, workable length prior to placement.
- Lay the material flat in place, starting at the lowest point. Overlap seams 3" minimum side laps and 6" minimum end laps.
- Remove half of the backing off the roll and apply firm, even pressure from the center to the outer edges. Remove the backing from the remaining half of the roll and apply pressure.
- Be sure to follow all local building code recommendations and requirements with regards to the width of ice dam materials.
- If full roof coverage application is desired, proper venting of the structure is recommended. Consult a design professional for proper venting requirements.
- In steep slope applications of 2:12 slope or higher backnailing will be required. Be sure that all nails are covered by the overlapping next sheet.
- Polystick MU-X must be covered within 90 days of installation unless otherwise limited by the Authority Having Jurisdiction.

### POLYGLASS U.S.A., INC. MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Winter Haven, FL

### CORPORATE HEADQUARTERS

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**Product Disclaimer:** Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects in its product that directly results in leakage for a period of 1 year.

Refer to material safety data sheet (MSDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances.

Polyglass U.S.A., Inc., reserves the right to improve and change its products at any time without prior notice. Polyglass U.S.A., Inc. cannot be held responsible for the use of its products under conditions beyond its own control.

For most current product data and warranty information, visit [www.polyglass.us](http://www.polyglass.us)

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