

POLYSTICK® MU-X

SELF-ADHERED FILM-SURFACED ROOF 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® dual-compound self-adhered technology, Polystick MU-X features a proprietary modified bitumen upper compound and an aggressive self-adhesive compound on the bottom. A split release film surface on the back allows for ease of application over various approved substrates.

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
- 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-adhered technology provides superior adhesion and long-term performance

TECHNICAL DESCRIPTION*

TEST METHOD	PROPERTY	ASTM VALUE
ASTM D5147	Maximum Load, Longitudinal and Transverse, min, lbf/in. (kN/m)	25 (4.4)
ASTM D5147	Elongation at break, min of modified bitumen portion (%)	10
ASTM D5147	Tear Resistance, Longitudinal and Transverse, min, lbf (N)	20 (89)
ASTM E96	Moisture Vapor Permeability, max, perms (ng/Pa.S.M. ²)	0.1 (5.7)
ASTM D1970	Adhesion to Plywood @ 40F, min, lbf/ft width (kgf/30.5 cm)	2.0 (0.92)
ASTM D1970	Adhesion to Plywood @ 75F, min, lbf/ft width (kgf/30.5 cm)	12.0 (5.44)
ASTM D1970	Sealability around nail	pass
ASTM D1970	Waterproof integrity after low temp flexibility	pass
ASTM D1970	Waterproof integrity of lap seam	pass

*The properties in this table are “as manufactured” unless otherwise noted



PRODUCT DATA**

Coverage (Approx) 195 sq ft (18 m²)
 Weight (Approx) 72 lbs (33 kg)
 Thickness (Nominal) 1.5 mm; 60 mils
 Roll Size 65' x 36" (19.8 m x 0.914 m)
 Rolls/Pallet 20

** All values are nominal at time of manufacturing

APPLICABLE STANDARDS

- ASTM D1970
- UL Classified
- Texas Department of Insurance
- ICC ESR-1697



PRODUCT CODES

- PSMUX



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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.

MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Waco, TX
- 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 safety data sheet (SDS) 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

