

POLYSTICK® MTS

PRODUCT DESCRIPTION

Polystick MTS is a fiberglass reinforced homogeneous rubberized asphalt waterproofing underlayment. With a slip-resistant polyolefinic film on the upper surface, Polystick MTS is ideally suited as an underlayment for metal, concrete or clay tile (mechanically fastened to a batten system), and shingle roofing. Polystick MTS has been specially formulated to be high temperature resistant to 265°F, exhibiting exceptional tensile strength and thermal stability.

Polystick MTS underlayment is manufactured using patented ADESO® Dual-Compound Self-Adhesive technology, whereby a “true” SBS polymer modified asphalt compound is applied on the top layer and an aggressive self-adhesive compound is applied on the bottom layer.

USES

- Specially designed as an underlayment for metal/high temperature environments up to 265°F
- Designed as effective waterproof membrane for perimeter and flashing details
- Approved exposure rating to 180 days

FEATURES AND BENEFITS

- Proprietary asphalt compound and fiberglass mat for exceptional dimensional stability
- Surface engineered for superior slip resistance and long-term performance
- Aggressive self-adhesive compound for ease of application

TECHNICAL DESCRIPTION

TEST METHOD	PROPERTY	TYPICAL VALUE
ASTM D5147	Thickness, min, mm (mils)	1.5 (60)
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 @ 40°F, min, lbf/ft width	2.0
ASTM D1970	Adhesion to Plywood @ 75°F, 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



PRODUCT DATA

Coverage (Nominal) 200 sq ft
 Weight (Approx) 70 lbs
 Roll Size 65'8" x 39 3/8" (20m x 1m)
 Rolls/Pallet 20

APPLICABLE STANDARDS

- ASTM D 1970
- Miami Dade Code Compliance
- ICC ESR-1697
- Florida Building Code Approved
- UL Classified for use in Class A, B & C roofs, as listed in the latest UL “Roofing Materials and Systems Directory”



Adds value!

1-800-222-9782

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APPLICATION INSTRUCTIONS

- Polystick MTS may be applied directly to the roof deck.
- Do not apply directly to existing shingles or other roof coverings.
- Apply only when the substrate is dry and project related temperatures (air, roof deck, membrane) are 40° F and rising.
- Cut the Polystick MTS to a suitable, workable length prior to placement.
- Lay the material flat in place, starting at the lowest point. Overlap seams 3" minimum sidelaps and 6" minimum .
- Peel half of the release film from the roll and apply firm, even pressure from the center to the outer edge. 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 3:12 slope or higher where backnailing may be required, be sure that all nails are covered by the overlapping next sheet.
- Polystick MTS must be covered within 180 days of installation or 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.com



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