

POLYSTICK® MTS

Metal, Tile and Shingle Self-Adhered Roofing and Waterproofing Underlayment

PRODUCT DESCRIPTION

POLYSTICK® MTS is a high temperature homogeneous, rubberized asphalt waterproofing membrane, glass fiber reinforced with polyolefinic film on the upper surface for use as an underlayment for metal, tile (mechanically attach only) and shingle roofing. The polyolefinic film is specially treated to provide non-skid characteristics. This membrane is specially formulated to withstand the high heat environment generated by metal roofing systems (resistant to 265°F).

The rubberized asphalt adhesive membrane is well suited for use where a water resistant barrier is required. This membrane is ideally suited for use under metal roofing systems. POLYSTICK MTS membranes are manufactured using patented ADESO® Self-adhesive technology, whereby a “true” polymer modified asphalt compound is applied on the top layer and an aggressive Self-Adhesive compound is applied on the bottom layer. The material is packaged in a roll of approx. 200 sq.ft. (finished roof coverage) weighing approximately 60 lbs.

USES

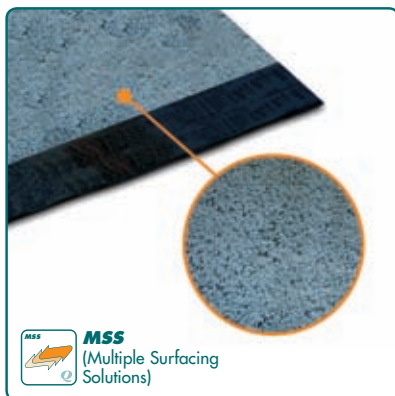
- Specially designed as an underlayment for metal/high temperature environments up to 265° F
- Designed as effective reinforcement for perimeter and flashing details
- Approved exposure rating to 180 days

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

PRODUCT WARRANTY

Unless otherwise incorporated into or part of a supplemental manufacturer’s warranty, Polyglass warrants its product(s) for a period of 10 years against manufacturing defects in its product that directly results in leakage. Warranty coverage is an annually declining pro-rated warranty.





TYPICAL 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 @ 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

PRODUCT DATA

Coverage 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 ES ESR#1697
- Florida Building Code Approved
- UL Classified for use in Class A & B roofs, as listed in the latest UL "Roofing Materials and Systems Directory"



APPLICATION INSTRUCTIONS

- Apply Polystick MTS directly to the roof deck.
- Do not apply to 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.
- Always start at the lowest point of the roof deck where possible.
- Cut the Polystick MTS to a suitable, workable length (typically between 9 and 15 feet).
- Lay the material flat in place, starting at the lowest point. Overlap seams 3" minimum and endlaps 6" minimum.
- Peel 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.
- Always ensure that Polystick MTS is applied over the area to cover the highest point of "ice damming".
- 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 required.
- Consult a design professional for proper venting requirements.
- In steep slope applications (i.e. 3:12 slope or higher) where backnailing will be required, be sure that all nails are covered by the overlapping next sheet.
- Polystick MTS must be covered within 180 days of installation unless otherwise limited by local authorities.



Adds value!

1-800-222-9782
www.polyglass.com