

# POLYSTICK® TU

## PRODUCT DESCRIPTION

Polystick TU, is a homogeneous APP rubberized asphalt waterproofing compound, fiberglass reinforced, with a granular surface designed specifically for use as an underlayment for roof tile installations. The rubberized asphalt seals around correctly installed nails of the weathering surface. A split release backing film aids in the easy positioning of sheets to maintain proper line.

Polystick TU underlayments are manufactured using patented ADESO® Dual-Compound Self-Adhesive technology, whereby a “true” APP polymer modified asphalt compound is applied on the top layer and an aggressive self-adhesive compound is applied on the bottom layer. Polystick TU features patented SEAllap®, a factory applied adhesive treatment at the product overlap. Each of these patented features provide for greater ease of application as well as improved product performance.

## USES

- Specially designed as an underlayment for tile applications
- Designed as effective reinforcement for perimeter and flashing details
- For use in both adhesive set and mechanically fastened roof tile applications

## FEATURES AND BENEFITS

- Proprietary asphalt compound and fiberglass mat for exceptional dimensional stability
- Granular surface engineered for superior slip resistance
- Approved exposure rating to 36 months (or as limited by local building codes)

## TECHNICAL DESCRIPTION

TEST METHOD	PROPERTY	TYPICAL VALUE
ASTM D5147	Thickness, min, mm (mils)	2.5 (100)
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) .....	100 sq ft
Weight (Approx) .....	70 lbs
Roll Size .....	32'10" x 39 3/8" (10m x 1m)
Rolls/Pallet .....	20

## APPLICABLE STANDARDS

- ASTM D 1970
- Miami Dade Code Compliance
- ICC ESR-1697



*Adds value!*

1-800-222-9782

www.polyglass.com

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## APPLICATION INSTRUCTIONS

- Apply Polystick TU 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 TU to a suitable, workable length prior to placement.
- 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 TU 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 TU must be covered within 180 days of installation unless otherwise limited by local authorities.

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

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

## CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.  
1111 West Newport Center Drive  
Deerfield Beach, FL 33442  
[www.polyglass.com](http://www.polyglass.com)

General Line: (888) 410-1375  
(954) 233-1330

Customer Service: (800) 222-9782

Technical Service: (866) 802-8017

**Questions?** [technical@polyglass.com](mailto:technical@polyglass.com)

**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](http://www.polyglass.com)



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