

POLYSTRIP™ SA

ROOF DECK JOINT TAPE

PRODUCT DESCRIPTION

Polyglass Polystrip SA is a self-adhering waterproofing tape composed of a slip resistant surface and UV resistant film laminated to an aggressive elastomeric (SBS) modified asphalt adhesive. The adhesive is protected by a siliconized release paper which allows quick and accurate installation.

Polystrip SA seals the roof deck seams and other construction details in compliance with project and/or building code requirements where a self-adhesive strip meeting ASTM D1970 standards is designated.

Polystrip SA may be covered with any Polystick or Polyanchor roofing underlayment or roofing felt. Polystrip SA can also be used as a general flashing membrane.

TYPICAL APPLICATIONS

- Designed for applications on new or re-roof projects over roof deck joints
- May be covered with Polyglass Polystick or Polyanchor underlayments
- Can also be used as a general flashing membrane
- Adhesion to plywood, OSB, metal and other approved substrates

FEATURES AND BENEFITS

- "Seal the deck" joints from water intrusion.
- Slip resistant walking surface.
- Highly flexible and lay flat characteristics; transitions over uneven joints.
- Asphaltic rubberized compound provides excellent sealability around nails.
- Approved up to 250°F
- Up to 60 days UV exposure.

TECHNICAL DESCRIPTION*

Physical Properties	ASTM Method	ASTM Value	Typical Performance
Maximum Load, min	D2523	25 lbf/in (4.4 kN/m)	100 lbf/in. (17.5 kN/m) - MD 53 lbf/in. (9.3 kN/m) - XMD
Elongation at break, min of modified bitumen portion	D2523	10%	25% - MD 146% - XMD
Tear Resistance, min	D4073	20 lbf (89 N)	179 lbf (796 N) - MD 120 lbf (534 N) - XMD
Adhesion to Plywood, 40°F (4.5°C)	D1970	2.0 lbf/ft	46.9 lbf/ft
Adhesion to Plywood, 75°F (24°C)	D1970	12.0 lbf/ft	42.9 lbf/ft
Waterproof Integrity of Side Lap Seam	D1970	Pass / Fail	Pass
Flexibility at -20°F (-29°C)	D1970	Pass / Fail	Pass
Sealability around Nail	D7349 Protocol 4	Pass / Fail	Pass
Slip Resistance	D1970	Pass / Fail	Pass
Moisture Vapor Permeance, max	E96	0.1 U.S. Perms (5.7 ng/Pa.S.M²)	0.03

*The properties in this table are "as manufactured" unless otherwise noted.



PRODUCT DATA**

Polystrip SA 4" Wide

Roll Size	4" x 67' (10.2 cm x 20.4 m)
Linear Coverage (per roll)	67 ft (20.4 m)
Linear Coverage (per box)	804 ft (245 m)
Weight (per box)	62.5 lbs (28.3 kg)
Thickness (Nominal)	40 mils (1 mm)
Rolls/Box	12
Boxes/Pallet	18
Rolls/Pallet	216

Polystrip SA 6" Wide

Roll Size	6" x 67' (15.2 cm x 20.4 m)
Linear Coverage (per roll)	67 ft (20.4 m)
Linear Coverage (per box)	536 ft (163 m)
Weight (per box)	62.5 lbs (28.3 kg)
Thickness (Nominal)	40 mils (1 mm)
Rolls/Box	8
Boxes/Pallet	18
Rolls/Pallet	144

**All values are nominal at time of manufacturing

APPLICABLE STANDARDS

- ASTM D1970***
- UL Classified
- FORTIFIED Roof™ Compliant
- Florida Building Code
- Connecticut Building Code Compliant



***3rd Party Laboratory Tested by NemoJetc.

PRODUCT CODES

- PSTIP4 (4" wide) – 12 x box
- PSTIP6 (6" wide) – 8 x box



www.polyglass.us

POLYSTRIP™ SA

ROOF DECK JOINT TAPE

APPLICATION INSTRUCTIONS

Apply only to dry, dust and contaminate free surfaces. Polystrip SA may be applied directly to approved substrates such as Plywood and OSB. For other substrates, such as metal, priming substrates prior to application with PG 100 Fast-Drying Asphalt Primer, Polytrack High-Tack Contact Adhesive or WVB-3000 Water Based Primer is recommended. Any primed substrate should be fully dry prior to installation. Apply only when the weather is dry and material interface temperatures (air, roof deck, membrane) are 40°F (5°C) and rising. Do not expose to direct sunlight for more than 60 days.

Tape Installation

1. Start at the bottom and work up the roof in shingle fashion.
2. Peel back approximately 6" (15 cm) of the release paper, center tape over deck joint and adhere tape to roof deck surface and align.
3. Continue to peel back the release paper as the tape is unrolled and press tape into place over roof seam.
4. Allow min 4" (10 cm) overlaps between end laps of tape. Apply firm, uniform pressure with a hand roller to the entire surface of the tape, especially at the end laps.
5. Cover with any Polystick or Polyanchor roofing underlayment or roofing felt following Polyglass application instructions and as required by the local Authority Having Jurisdiction (AHJ).

MANUFACTURING FACILITIES

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

CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.
1111 West Newport Center Drive
Deerfield Beach, FL 33442
www.polyglass.us

General Line: (888) 410-1375
(954) 233-1330
Customer Service: (800) 222-9782
Technical Service: (866) 794-9659

Questions? 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 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.

This product is qualified for use as a component of a FORTIFIED-eligible roof system. Use of this product does not guarantee a FORTIFIED™ designation. To be eligible for a FORTIFIED designation, a complete roofing system (components and accessories) must meet the requirements detailed in the FORTIFIED Home™ Standard and be installed by a certified FORTIFIED Roofing Contractor. Products that are required to meet the standard include but may not be limited to: roof coverings, attic ventilation components, a qualified sealed roof deck system, roof underlayments, edge metal and appropriate fasteners for all mechanically fastened components. Documentation for all products and their installation is required. Additional requirements, eligibility criteria and restrictions apply. See the current FORTIFIED Home standard at <https://fortifiedhome.org/technical-documents/> for details.

POLYGLASS®



www.polyglass.us