

ELASTOBASE®

SBS BASE SHEET

PRODUCT DESCRIPTION

Elastobase is a Styrene-Butadiene-Styrene (SBS) modified bitumen membrane base sheet. This premium membrane is reinforced with a fiberglass mat which is saturated and then coated with a rubberized asphaltic compound. Elastobase exhibits exceptional waterproofing and weathering physical properties.

Both the top and bottom surface of Elastobase are available with either a sand or polyolefin finish.

Elastobase is intended for use as a base ply or interply membrane. Elastobase is specially designed to be installed mechanically attached, hot asphalt, heat-welded, or as part of a cold-applied system. When the top of membrane is surfaced with polyolefin, Elastobase can be used as a base sheet in self-adhered systems.

TYPICAL APPLICATIONS

- Use as a base or interply membrane
- Fastened anchor sheet, hot asphalt, cold adhesives or heat fused
- New roofing, re-roofing and flashing reinforcement
- Use as a vented base sheet

FEATURES AND BENEFITS

- Superior flexibility and dimensional stability
- Reinforced with fiberglass mat
- Flexible and versatile

TECHNICAL DESCRIPTION

TEST METHOD	PROPERTY	ASTM VALUE
ASTM D228	Net mass/unit area, min, lbs/100ft ² (g/m ²)	45 (2197)
ASTM D5147	Bottom side coating thickness, min, mm, (mils)	1.0 (40)
ASTM D5147	Maximum load at 73.4 ± 3.6°F (23 ± 2°C) MD & XMD, min, before and after heat conditioning, lbf/in. (kN/m)	30 (5.3)
ASTM D5147	Elongation at 73.4 ± 3.6°F (23 ± 2°C) MD & XMD, min, at maximum load, before and after heat conditioning, %	2
ASTM D5147	Tear strength at 73.4 ± 3.6°F (23 ± 2°C), min, lbf	35
ASTM D5147	Low temperature flexibility, max, before and after heat conditioning, °F (C)	0 (-18)



PRODUCT DATA

Coverage (Nominal)	200 sq ft
Weight (Approx)	96 lbs
Thickness (Nominal)	2.0 mm; 80 mils
Roll Size	65' 8" x 39 3/8" (20m x 1m)
Rolls/Pallet	20

APPLICABLE STANDARDS

- ASTM D6163 Type I
- Florida Building Code Approved
- Factory Mutual Approved
- ICC ESR-2018
- Miami Dade Code Compliance
- UL Classified for use in class A, B or C roofs, as listed the latest UL "Roofing Materials and Systems Directory"
- TDI



PRODUCT WARRANTY

Polyglass U.S.A., Inc. commercial roofing membranes can be backed with a manufacturer's warranty for up to 20 years when used as part of an approved, multi-ply roofing system. Please see your Polyglass U.S.A., Inc. Sales or Technical Representative for specifications and details.



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APPLICATION INSTRUCTIONS

Elastobase is intended to be used as a base sheet or interply for new or re-roof applications. Elastobase may be applied directly to non-combustible substrates. Elastobase requires the installation of an interply and/or compatible granulated cap sheet to complete the roofing system.

- Apply over clean, dry, dust and debris-free substrates. Prime concrete decks prior to application with PG 100 Asphalt Primer.
- When used as a vented base sheet over lightweight concrete, gypsum, or cellular concrete; mechanically fasten to deck.
- When used as a vented base sheet over concrete decks, spot or strip adhere with appropriate adhesive.
- When re-roofing, remove all prior roofing materials down to a clean debris-free substrate and properly close-off all abandoned roof penetrations.
- Concrete or steel decks shall be designed with proper expansion devices.
- Wood decks shall have all joints blocked or properly supported.
- Ensure the fire rating of the assembly over any substrate.
- Ensure the installation of Elastobase does not prevent the ventilation of existing construction.
- Do not apply over shingles or any granulated roof covering.
- While installing Elastobase:
 1. Start at the low point of the roof.
 2. Unroll the material and allow to relax.
 3. In bonded applications, install with a solid mopping of Type III or Type IV asphalt or with PG 350 Mod Bit Adhesive.
 4. Position successive rolls providing a minimum 6" end lap and 3" side lap.
- Details and flashing may be installed using hot asphalt or cold application techniques. Check project details for proper installation requirements.

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

- Fernley, NV
- Hazleton, PA
- Phoenix, AZ
- 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 2 years.

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

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