

ELASTOBASE™ P

SBS (ELASTOMERIC) BASE SHEET

PRODUCT DESCRIPTION

Elastobase P is an SBS (elastomeric) modified bitumen roofing membrane base sheet. This quality membrane is reinforced with a strong non-woven polyester mat which is saturated and then coated with a rubberized asphaltic compound. Elastobase P exhibits superior waterproofing and weathering physical properties.

The top and bottom surfaces are available in sand or poly film.

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

TYPICAL APPLICATIONS

- Use as a base or interply membrane in multi-ply low-slope roofing assemblies.
- Fastened anchor sheet, hot asphalt, cold adhesives or heat fused.
- New roofing, re-roofing and flashing reinforcement.

FEATURES AND BENEFITS

- Versatile for multiple application methods.
- Flexibility and dimensional stability.
- Polyester mat enhances tear and puncture resistance.
- Provides a strong and durable substrate for other roofing membrane plies.

TECHNICAL DESCRIPTION*

Physical Properties	ASTM Method	ASTM Value	Typical Performance
Peak Load at 73°F [23 °C]	D5147	50 lbf/in [8.8 kN/m]	82 lbf/in [14 kN/m] MD 55 lbf/in [10 kN/m] XMD
Elongation at Peak Load at 73 °F [23°C]	D 5147	35%	48% MD 65% XMD
Ultimate Elongation at 73 °F [23°C]	D5147	38%	53% MD 114% XMD
Tear Strength at 73°F [23°C]	D5147	55 lbf [246 N]	132 lbf [587 N] MD 83 lbf [369 N] XMD
Low Temperature Flexibility, maximum	D5147	0 °F [-18°C]	Pass
Dimensional Stability, maximum	D5147	1%	0.7
Compound Stability, failed/no failures	D5147	215 °F [102°C]	Pass

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



PRODUCT DATA**

Coverage (Approx) 200 sq ft (18.5 m²)
 Weight (Approx) 100 lbs (45 kg)
 Thickness (Nominal) 87 mils (2.2 mm)
 Roll Size 65'8" x 39 3/8" (20 m x 1 m)
 Rolls/Pallet 20

**All values are nominal at time of manufacturing

APPLICABLE STANDARDS

- ASTM D6164 Type I, Grade S
- FM Approved
- ICC ESR-2018
- Florida Building Code
- Miami-Dade County Approved
- Texas Department of Insurance



PRODUCT CODES

- EP2OPP (FILM/FILM)
- EP2OSP (SAND/FILM)
- EP2OPS (FILM/SAND)



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APPLICATION INSTRUCTIONS

Elastobase P is intended to be used as a base sheet or interply for new or re-roof applications. Elastobase P may be applied directly to non-combustible substrates. Elastobase P 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 the 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 P does not prevent the ventilation of existing construction.
- Do not apply over shingles or any granulated roof covering.
- While installing Elastobase P
 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 5" 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.

MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Waco, TX
- 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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