

ELASTOBASE™ P

SBS (ELASTOMERIC) BASE SHEET

PRODUCT DESCRIPTION

Elastobase P is a high quality Styrene-Butadiene-Styrene (SBS) modified bitumen roofing membrane reinforced with a strong non-woven polyester mat that provides flexibility and dimensional stability as well as excellent tear and puncture resistance. The proprietary SBS compound offers quality waterproofing and weathering physical properties. Elastobase P is designed for use as a base ply layer in multi-layer low-slope assemblies.

Elastobase P is available in sand or factory applied burn-off film on both top and bottom surfaces. Application methods include mechanically attached, hot asphalt, heat-welded, or as part of cold-applied system. When the top of membrane is surfaced with film, Elastobase P can be used as a base sheet in self-adhered systems.

Elastobase P can be used as part of a Polyglass warranted multiply system when combined with a variety of Polyglass base sheets and cap sheets.

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 welded.
- New roofing, re-roofing and flashing reinforcement.

FEATURES AND BENEFITS

- Versatile for multiple application methods.
- Strong non-woven polyester mat delivers great 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 0°F [-18°C]	D5147	70 lbf/in [12.3 kN/m]	133 - MD 85 - XMD
Elongation at Peak Load at 0°F [-18°C]	D5147	20%	59 - MD 54 - XMD
Peak Load at 73°F [23°C]	D5147	50 lbf/in [8.8 kN/m]	95 - MD 55 - XMD
Elongation at Peak Load at 73°F [23°C]	D5147	35%	51 - MD 56 - XMD
Ultimate Elongation at 73°F [23°C]	D5147	38%	59 - MD 73 - XMD
Tear Strength at 73°F [23°C]	D5147	55 lbf [246 N]	131 - MD 93 - XMD
Low Temperature Flexibility [maximum]	D5147	0°F [-18°C]	Pass
Dimensional Stability [maximum]	D5147	1%	< 1%
Compound Stability [minimum]	D5147	215°F [102°C]	Pass

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



PRODUCT DATA**

Net Coverage (Approx) ...200 ft² (18.5 m²)
 Weight (Approx) 100 lbs (45 kg)
 Thickness (Nominal) 87 mils (2.2 mm)
 Roll Size 65'8" × 39 3/8" (20 m × 1 m)
 Rolls/Pallet.....20

**All values are nominal at time of manufacturing

APPLICABLE STANDARDS

- ASTM D6164 Type I, Grade S
- UL Classified
- 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)



www.polyglass.us

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APPLICATION INSTRUCTIONS

Elastobase P is intended to be used as a base sheet for new or re-roof applications. Elastobase P may be applied directly to noncombustible substrates or mechanically attached directly to wood decks. 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. When fully bonding, prime concrete decks and required substrates, prior to application with PG 100 Fast-Drying Asphalt Primer or applicable ASTM D-41 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. In heat welding applications ensure proper heating of the roofing material as not to expose the reinforcement. Do not heat the substrate.
 5. 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.
- For detailed drawings and recommended installation procedures of typical roof segments, such as drip edge and T-joint conditions, please refer to our website at, www.polyglass.us.

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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