ELASTOBASE® P

SBS (ELASTOMERIC) BASE/INTERPLY 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 robust 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 adhesive or heat welded.
- New roofing, re-roofing and flashing reinforcement.

FEATURES AND BENEFITS

- Versatile for multiple application methods.
- Strong non-woven polyester mat delivers excellent 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)	118 - MD 76 - XMD
Elongation at Peak Load at 0°F (-18°C)	D5147	20%	52 - MD 58 - XMD
Peak Load at 73°F (23°C)	D5147	50 lbf/in (8.8 kN/m)	110 - MD 68 - XMD
Elongation at Peak Load at 73°F (23°C)	D5147	35%	53 - MD 58 - XMD
Ultimate Elongation at 73°F (23°C)	D5147	38%	69 - MD 102 - XMD
Tear Strength at 73°F (23°C)	D5147	55 lbf (246 N)	96 - MD 70 - 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" × 39⅜" (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

- EP20PP (Film/Film)
- EP20SP (Sand/Film)
- EP20PS (Film/Sand)
- EP20SS (Sand/Sand)

POLYGLASS®
MAPEI GROUP
www.polyglass.us

Edition Date: 08/25 • Doc# Elastobase P

ELASTOBASE® P

SBS (ELASTOMERIC) BASE/INTERPLY SHEET

APPLICATION INSTRUCTIONS

Elastobase P is intended to be used as a base sheet or interply in new construction, re-roof, or roof recover applications. Elastobase P must be covered by an approved surfacing layer to complete the roofing system.

- Apply over clean, dry, dust and debris-free substrates. Bonding the membrane to concrete or similar substrates requires surface priming with PG 100 Fast-Drying Asphalt Primer, Polytack CA Primer, or another primer as approved by Polyglass.
- In recover applications, all existing wall, curb, and other vertical flashings must be removed.
- Ensure the installation of Elastobase P does not adversely impact the ventilation.
- Do not apply to an existing granulated surface.

MEMBRANE INSTALLATION

While installing Elastobase P:

1. Start at the low point of the roof.
2. Unroll the material and allow it to relax, then re-roll the membrane once it is relaxed.
3. Application Methods
   a. Mechanically attached applications to use Polyglass-approved fasteners at a rate per project conditions/local jurisdiction.
   b. Hot mop applications require Type III or Type IV asphalt applied within the specified EVT range, at a rate of 20 – 40 lbs per square.
   c. Polyglass cold adhesive applications are applied at a rate of approximately 1.5 – 2 gallons per square when applied to smooth to semi-smooth surfaces. Coverage rate may vary depending on ambient temperature, surface porosity, as well as applicator and/or application technique.
   d. Heat-welded applications should follow traditional torch roofing methods, ensuring the membrane is properly heated. The burn-off film must be fully activated to create a continuous, uniform layer of asphalt. Special attention should be given to achieving a secure bond at all side laps.
4. Position successive rolls providing a minimum 6" end lap and 3" side lap. Asphalt bleed-out for applicable applications shall be ¼" to ⅜" on all seams.
5. It is recommended to install 45-degree cuts, also known as "dog ears," at all end laps to promote smooth transitions and reduce the risk of membrane bridging or fishmouths.

- Check project details for proper installation requirements.
- For detailed drawings, please refer to: https://polyglass.us/documentation-type/detaildrawings/
- For more installation guidelines, please refer to: https://polyglass.us/technical-guide/

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 2 years.

Refer to the Safety Data Sheet (SDS) for the referenced product, which provides comprehensive information on chemical, physical, and health hazards, as well as guidance on safe handling, use, storage, and disposal. 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 control. For the most current product data and warranty information, visit www.polyglass.us.

POLYGLASS®
MAPEI GROUP
www.polyglass.us

Edition Date: 08/25 • Doc# Elastobase P