

# ELASTOBASE™

## SBS (ELASTOMERIC) BASE SHEET

### PRODUCT DESCRIPTION

Elastobase is an SBS (elastomeric) modified bitumen roofing membrane base sheet. This quality membrane is reinforced with a high quality fiberglass mat to ensure strength and excellent dimensional stability to the product. Elastobase exhibits superior waterproofing and weathering physical properties.

The top and bottom surfaces are available in sand or factory applied burn-off film.

Elastobase 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 film, Elastobase 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.
- Fiberglass mat enhances strength and dimensional stability.
- 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]	121 lbf/in [21.2 kN/m] - MD 102 lbf/in [17.9 kN/m] - XMD
Elongation at Peak Load at 0°F [-18°C]:	D5147	1%	5% - MD 5% - XMD
Peak Load at 73°F [23°C]:	D5147	30 lbf/in [5.3 kN/m]	78 lbf/in [13.7 kN/m] - MD 45 lbf/in [7.9 kN/m] - XMD
Elongation at Peak Load at 73°F [23°C]:	D5147	2%	5% - MD 4% - XMD
Ultimate Elongation at 73°F [23°C]:	D5147	3%	33% - MD 39% - XMD
Tear Strength at 73°F [23°C]:	D5147	35 lbf [156 N]	150 lbf [667 N] - MD 79 lbf [351 N] - XMD
Low Temperature Flexibility [maximum]:	D5147	0°F [-18°C]	PASS
Dimensional Stability, max %:	D5147	0.50%	0.1% - MD 0.1% - XMD
Compound Stability [pass/fail]:	D5147	215°F [102°C]	PASS

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



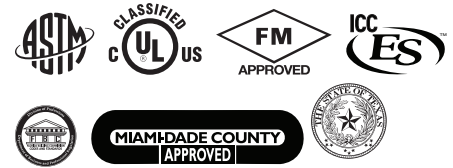
### PRODUCT DATA\*\*

Coverage (Approx) ..... 200 sq ft (18.5 m<sup>2</sup>)  
 Weight (Approx) ..... 106 lbs (47.6 kg)  
 Thickness (Nominal) ..... 80 mils (2.0 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 D6163, Type I, Grade S
- UL Classified
- FM Approved
- ICC ESR-2018
- Florida Building Code
- Miami-Dade County Approved
- Texas Department of Insurance



### PRODUCT CODES

- EB20PP (FILM/FILM)
- EB20SP (SAND/FILM)
- EB20PS (FILM/SAND)



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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 and required substrates prior to application with PG 100 Fast-Drying Asphalt Primer. Consult Polyglass Technical Service if alternate primer is allowed.
- When re-roofing, remove all prior roofing materials down to a clean, dust free substrate. Remove unused or abandoned through-roof penetrations.
- All substrates shall be designed with proper expansion devices.
- Wood decks shall have all joints cross blocked and/or properly supported.
- Installation of Elastobase should not adversely affect the ventilation of existing construction.
- Do not apply directly to existing shingles or other unacceptable roof coverings.
- While heat welding Elastobase:
  1. Start at the lowest point of the roof.
  2. Unroll the material and allow it to relax as membrane is positioned prior to installation.
  3. Install with traditional torch roofing techniques ensuring proper heating of the roofing material.
  4. Do not overheat to expose or compromise the reinforcement.
  5. Position successive rolls using a minimum 6" endlap and 3" side lap. Bleed out of SBS asphalt should be 1/8" to 1/4" at all seams.
  6. Laps may be lightly rolled with a 4" to 6" wide roller to ensure lap is fused.
- Details and flashing may be installed using hot asphalt, cold application or torch 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](http://www.polyglass.us).

### MANUFACTURING FACILITIES

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

### CORPORATE HEADQUARTERS

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**Questions?** [technical@polyglass.com](mailto: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 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](http://www.polyglass.us)



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