

ELASTOFLEX® S6

SBS BASE MEMBRANE - 3.0mm (180g)

PRODUCT DESCRIPTION

Elastoflex S6 is a smooth surface Styrene-Butadiene-Styrene (SBS) modified bitumen roofing membrane reinforced with a polyester mat saturated with a rubberized asphaltic compound. Elastoflex S6 has a polyfilm finish on both the top and underside surfaces.

Elastoflex S6 is specially designed for use as an interply layer in heat welded applications. Elastoflex S6 can also be used as a base membrane for self-adhered systems.

USES

- High-quality SBS modified membrane in multi-ply roofing assemblies
- New roofing, re-roofing or re-cover roof systems and flashing details
- Heat welded installation methods

FEATURES AND BENEFITS

- Exceptional long-term weathering performance
- Superior flexibility, puncture resistance and dimensional stability
- Ease of application over broad spectrum of substrates and conditions

TECHNICAL DESCRIPTION

| TEST METHOD | PROPERTY | ASTM VALUE |
|-------------|--|------------|
| ASTM D5147 | Bottom side coating thickness, min, mm, (mils) | 40 (1.0) |
| 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 (Approx) | 100 sq ft |
| Weight (Approx) | 80 lbs |
| Thickness (Nominal) | 3.0 mm; 120 mils |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet | 25 |

APPLICABLE STANDARDS

- ASTM D6164, Type I
- UL Classified for use in class A, B or C roofs, as listed the latest UL "Roofing Materials and Systems Directory"
- Factory Mutual Approved
- CAN/CGSB 37-GP-56M Type 2a, Class C



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.



1-800-222-9782

www.polyglass.com

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APPLICATION INSTRUCTIONS

Elastoflex S6 is intended to be used as a base sheet or interply in new or re-roof applications. Elastoflex S6 may be adhered directly to non-combustible substrates. Elastoflex S6 requires the installation of a compatible surfacing or 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 re-roofing, remove all prior roofing materials down to a clean debris-free substrate and properly remove all abandoned roof penetrations.
- Concrete or steel decks shall be designed with proper expansion devices.
- Wood decks shall have all joints blocked and properly supported.
- Ensure the fire rating of the assembly over any substrate.
- Ensure the installation of Elastoflex S6 does not prevent the ventilation of existing construction.
- Do not apply directly over shingles or existing membrane roofing.
- While installing Elastoflex S6:
 1. Start at the low point of the roof.
 2. Unroll the material and allow to relax prior to installation.
 3. Install by heat fusing with appropriate open flame torch or hot air welder.
 4. Position successive rolls providing a minimum 6" end lap and 3" side lap.
 5. It is suggested but not mandatory that laps shall be rolled with a 6"-wide roller immediately after heat welding.
- Details and flashing may be installed using hot asphalt, cold application or torch techniques. Check project details for proper installation requirements.

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

- Fernley, NV
- Hazleton, PA
- 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 material safety data sheet (MSDS) 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.com



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