

ELASTOFLEX® S6 G

SBS GRANULATED CAP SHEET (180g/TORCH)

PRODUCT DESCRIPTION

Elastoflex S6 G membrane is a high quality elastomeric, Styrene-Butadiene-Styrene (SBS) modified asphalt roofing membranes reinforced with a non-woven 180 gram polyester mat. Elastoflex S6 G, with a polyethylene burn off film, specially designed and formulated for heat welding applications.

With superior reinforcement and proprietary formulation, this granulated cap sheet exhibits exceptional tensile strength, puncture resistance, and dimensional stability. The granulated surface, provides long term UV protection.

Elastoflex S6 G membrane meets or exceeds the requirements for ASTM D6164, Type I, are listed by UL and can be used as part of a Polyglass warranted roof assembly.

USES

- High-quality SBS modified, granule surfaced for multi-ply systems
- New roofing, re-roofing and re-cover roofing and flashing details
- Heat-welded (torch) installations

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	Peak Load @ 23+/-2C (73.4+/-3.6F), MD and XMD, min, kN/m (lbf/in.)	8.8 (50)
ASTM D5147	Elongation @ 23+/-2C (73.4+/-3.6F), MD and XMD, min (%)	35
ASTM D5147	Tear Strength @ 23+/-2C (73.4+/-3.6F), min, N (lbf)	246 (55)
ASTM D5147	Low Temperature Flexibility, max, °C (°F)	-18 (0)
ASTM D5147	Granule Embedment, g	2

AVAILABLE COLORS

Top surface granule protection is available in a variety of colors such as:

Black Buff Chestnut Grey Slate Oak
 White Red Blend Pine Green Heather Blend Weatherwood



PRODUCT DATA

Coverage (Approx)..... 80 sq ft
 Weight (Approx) 85 lbs
 Thickness (Nominal)..... 4.0mm; 160 mils
 Roll Size 26' 3" x 39 3/8" (8m x 1m)
 Rolls/Pallet..... 23

APPLICABLE STANDARDS

- ASTM D 6164, Type I
- Factory Mutual Approved
- UL Classified for use in class A, B or C roofs, as listed the latest UL "Roofing Materials and Systems Directory"
- CAN/CGSB 37-GP-56M Type 1a, Class A



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, multiply 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

CANADA ONLY

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SBS PRODUCTS

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APPLICATION INSTRUCTIONS

Elastoflex S6 G is intended to be used as the primary weathering surface in new or re-roof applications. Elastoflex S6 G is to be applied as the outermost layer of a multi-ply roof system applied over a compatible Polyglass base or interply sheet. Elastoflex S6 G may be applied directly to non-combustible substrates when used in a multi-ply membrane system.

- Apply over clean, dry, dust and debris-free substrates. Prime concrete decks prior to application with PG 100 Asphalt Primer.
- When re-roofing, or as approved by Polyglass Technical Services, 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 properly supported.
- Ensure the fire rating of the assembly over any substrate.
- Ensure the installation of Elastoflex S6 G does not prevent the ventilation of existing construction.
- Do not apply over any existing roof coverings.
- While installing Elastoflex S6 G:
 1. Start at the low point of the roof.
 2. Unroll the material and allow to relax.
 3. Install in a uniform mopping of Type III or Type IV asphalt, PG 350 Mod Bit Adhesive, or torch.
 4. Position successive rolls providing a minimum 6" end lap and 3" side lap.
 5. Matching loose granules may be sprinkled into the bleed out.
 6. 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 5 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