

# ELASTOFLEX S6 22

## SBS INTERPLY/BASE MEMBRANE - 2.2 mm

### PRODUCT DESCRIPTION

Elastoflex S6 22 is a smooth surface Styrene-Butadiene-Styrene (SBS) modified bitumen roofing membrane reinforced with a polyester mat saturated with a rubberized asphaltic compound. Polyester reinforcement provides superior tear strength and puncture resistance.

Elastoflex S6 22 is designed for use as a base ply or interply layer in multi-layer low-slope assemblies. Membrane is available in a film or sand top surface and a film or sand bottom surface. Application methods include heat welding, when a film bottom surface is selected, and hot asphalt or cold adhesive when the membrane is sand backed. When a top surface film configuration is selected, successive system layers can be heat welded with an additional ply of Elastoflex S6 22, Elastoflex S6 G or other Polyglass SBS cap sheet. A top film configuration also allows for the application of a variety of Polyglass SBS or APP self-adhered cap sheets.

### TYPICAL APPLICATIONS

- High-quality SBS modified membrane in multi-ply roofing assemblies
- New roofing, re-roofing or re-cover roof systems and flashing details
- Hot asphalt, cold process, and heat welding installation methods

### FEATURES AND BENEFITS

- Exceptional long-term weathering performance
- Superior puncture and tear resistance
- Flexibility and dimensional stability

### TECHNICAL DESCRIPTION\*

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

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



### PRODUCT DATA\*\*

|                           |                                |
|---------------------------|--------------------------------|
| Coverage (Approx).....    | 150 sq ft (15 m <sup>2</sup> ) |
| Weight (Approx) .....     | 90 lbs (40 kg)                 |
| Thickness (Nominal) ..... | 87 mils (2.2 mm)               |
| Roll Size .....           | 49'3" x 39 3/8" (15 m x 1 m)   |
| Rolls/Pallet.....         | 25                             |

\*\* All values are nominal at time of manufacturing

### 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



### PRODUCT CODE(S)

- EP22PP (Poly/Poly)
- EP22SP (Sand/Poly)
- EP22PS (Poly/Sand)
- EP22SS (Sand/Sand)



# ELASTOFLEX S6 22

## SBS INTERPLY/BASE MEMBRANE - 2.2 mm

### APPLICATION INSTRUCTIONS

Elastoflex S6 22 is intended to be used as a base sheet or interply in new or re-roof applications. Elastoflex S6 22 may be adhered directly to non-combustible substrates. Elastoflex S6 22 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 22 does not prevent the ventilation of existing construction.
- Do not apply directly over shingles or existing membrane roofing.
- While installing Elastoflex S6 22 in mop configuration:
  1. Start at the low point of the roof.
  2. Unroll the material and allow to relax prior to installation.
  3. Install in a solid mopping of type III or type IV asphalt, PG 350 or PolyPlus 35 Mod Bit adhesive.
  4. Position successive rolls providing a minimum 6" end lap and 3" side lap.
- 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
- Waco, TX
- Winter Haven, FL

### CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.  
1111 West Newport Center Drive  
Deerfield Beach, FL 33442  
[www.polyglass.us](http://www.polyglass.us)

*General Line:* (888) 410-1375  
(954) 233-1330  
*Customer Service:* (800) 222-9782  
*Technical Service:* (866) 802-8017

**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)



[www.polyglass.us](http://www.polyglass.us)