

# MODIBASE<sup>®</sup>

## SBS (ELASTOMERIC) BASE SHEET

### PRODUCT DESCRIPTION

Modibase is a Styrene-Butadiene-Styrene (SBS) modified bitumen roofing membrane reinforced with a fiberglass mat. The reinforcement is saturated and coated with a rubberized asphaltic compound with exceptional waterproofing and weathering properties. Modibase is designed for use as a base sheet for mechanically attached systems. Modibase may be used as a base and/or interply membrane for systems using hot asphalt or cold process adhesives.

### TYPICAL APPLICATIONS

- Base sheet for mechanically attached systems
- Base or interply membrane for fully adhered systems
- New roofing, re-roofing and flashing detail

### FEATURES AND BENEFITS

- Puncture and tear resistant
- Superior pliability and dimensional stability
- Wrinkle resistant; will lay flat for easy install

### TECHNICAL DESCRIPTION\*

Physical Properties	ASTM Method	ASTM Value
Mass of desaturated glass mat, minimum, g/m <sup>2</sup> (lb/100 ft <sup>2</sup> )	ASTM D4601	83 (1.7)
Surfacing and stabilizer, max %	ASTM D4601	65
Asphalt, minimum, g/m <sup>2</sup> (lb/100 ft <sup>2</sup> )	ASTM D4601	342 (7.0)
Breaking strength, minimum kN/m (lbf/in.) longitudinal and traverse	ASTM D4601, Type II	7.7 (44)
Granule Embedment, g	ASTM D5147	2

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



### PRODUCT DATA\*\*

Net Coverage (Approx) ..... 300 ft<sup>2</sup> (28 m<sup>2</sup>)  
 Weight (Approx) ..... 78 lbs (35 kg)  
 Thickness (Nominal) ..... 50 mils (1.3 mm)  
 Roll Size ..... 108' x 36" (33 m x 0.914 m)  
 Rolls/Pallet ..... 20

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

### APPLICABLE STANDARDS

- ASTM D6401
- UL Classified



### PRODUCT CODES

- MD1501



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### APPLICATION INSTRUCTIONS

Modibase is intended to be used as a base sheet or interply in new or re-roof applications. Modibase may be applied directly to nailable substrates. Modibase requires the installation of a compatible interply and/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 close-off 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 combustible substrate.
- Ensure the installation of Modibase does not prevent the ventilation of existing construction.
- Do not apply over shingles or any granulated surface.
- While installing Modibase:
  1. Start at the low point of the roof.
  2. Unroll the material and allow to relax.
  3. Install in a solid mopping of Type III or Type IV asphalt or with PG 350 Mod Bit Adhesive in bonded assemblies. For mechanically attached applications, attach with appropriate type and quantity of fasteners to nailable substrates.
  4. Position successive rolls providing a minimum 6" end lap and 3" side lap
- Details and flashing may be installed using hot asphalt or cold application 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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**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)

