

KEMPEROL® SBS BASE

SBS Modified Bitumen Fiberglass Reinforced Base Sheet

PRODUCT DESCRIPTION

KEMPEROL® SBS Base is a high quality 2.4 mm (94 mil) Styrene-Butadiene-Styrene (SBS) modified bitumen asphalt roofing membrane. The membrane is reinforced with a fiberglass mat to provide strength and superior dimensional stability. The membrane is coated with asphaltic bitumen and SBS elastomers for durability, flexibility and ease of maintenance. The top surface is sanded and the bottom is available with a sand backed finish for adhered applications or a burn-off polyethylene film for heat welded applications.

USE

KEMPEROL® SBS Base sheet is a base ply or interply membrane for mechanically attached, hot asphalt, cold adhered, or heat-welded applications. Must be covered with a KEMPEROL® SBS Cap Sheet.

ORDERING INFORMATION

KEMPEROL® SBS Base Torch:

Item#: KMB-SBS-T2
Size: 1.5 square roll, 20 Rolls / Pallet;
 Approx. 1,900 LBS (860 KG)

KEMPEROL® SBS Base Mop:

Item#: KMB-SBS-M2
Size: 1.5 square roll, 20 Rolls / Pallet;
 Approx. 1,880 LBS (853 KG)

YEILD

1.5 square roll – 161 ft² (1.5 m²) net coverage, 39 3/8" x 49' 1" (1 m x 15 m).

STORAGE

Review **Safety Data Sheets** before handling, available online at www.kempersystem.com. Rolls shall be stored on end on raised platforms and protected from the weather. Store rolls in a well-ventilated area far away from any heat source.

APPLICATION

STEP 1: Apply over clean, dry, dust and debris-free substrates. Prime concrete decks prior to application with KEMPERTEC® Asphalt Primer.

STEP 2: Install the KEMPEROL® SBS Base sheet membrane by shingling from the low point on the roof or by strapping with the slope of the roof deck.

STEP 3: Unroll the material and allow to relax then re-roll the membrane once relaxed.

STEP 4: The sand backed Base sheet shall be installed by mopping a solid layer of Type III or Type IV asphalt or KEMPERTEC® Asphalt Cold Adhesive at a minimum rate of 1.5 gal/square. The polyethylene film backed sheet shall be torch applied. Install with traditional torch roofing techniques ensuring proper heating of the roofing material. Do not overheat to expose or compromise the reinforcement.

MEMBRANE PROPERTIES

PHYSICAL PROPERTY	TEST METHOD (ASTM)	VALUE MD/XMD
Tensile Strength 0 °F 73 °F	D5147	120 / 110 lbf / in 97 / 67 lbf / in
Elongation 0 °F 73 °F	D5147	4% 3%
Ultimate Elongation 73 °F	D5147	5 / 7
Tear Resistance 73 °F	D4073	105 / 75 lbf
Cold Flex 73 °F	D5147	0 °F (-18 °C)
Dimensional Stability [max] 176 °F	D1204	< 0.2%
High Temp. Stability [max] 250 °F	D5147	Pass

CODES & APPROVALS

ASTM D6163, Type 1, Grade S

Florida Building Codes: FL17442 & FL38133



SUSTAINABILITY INFORMATION

Rapidly renewable resource	51%
Recycled content % (post / pre)	N/A / 13.3
Manufacture location	TEXAS

STEP 5: Position successive rolls providing a minimum 6" end lap and 3" side lap. Bleed out of SBS asphalt should be 1/8" to 1/4" at all seams.

STEP 6: Laps may be lightly rolled with a minimum 20 lb., 4" to 6" wide, steel roller, roller to ensure lap is fused. KEMPERTEC® Asphalt Cold Adhesive shall not be applied to lap and seam areas.

STEP 7: Details and flashings are to be done with the KEMPEROL® cold liquid-applied, fully reinforced membranes.

DISPOSAL

KEMPEROL® SBS Base sheet may be disposed of in standard landfills.

DISCLAIMER

NO WARRANTY, EXPRESS OR IMPLIED, IS MADE IN THIS DOCUMENT. THE PRODUCT IS NOT CLAIMED TO BE MERCHANTABLE OR FIT FOR ANY PARTICULAR PURPOSE. User and certified Kemper System America, Inc. (KSA) applicators determine suitability only. See individual KSA product data sheets, SDS sheets, guide specifications and details for complete information regarding the suitability, application, and handling of KSA products.