

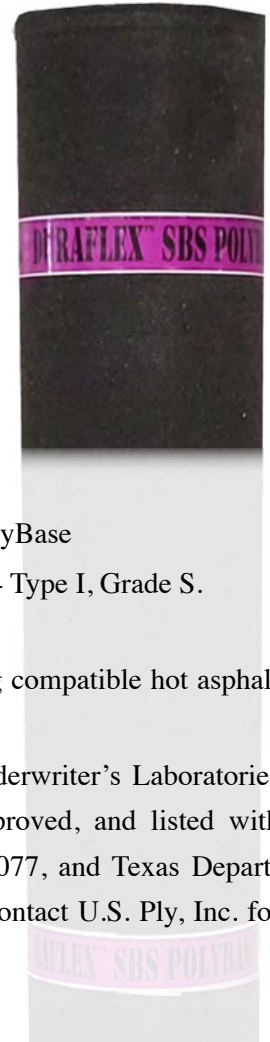


DuraFlex® SBS POLYBASE

PRODUCT DATA SHEET

DuraFlex® SBS PolyBase is a tough smooth surfaced, premium SBS (Styrene-Butadiene-Styrene) mop or cold applied membrane. Manufactured with a non-woven polyester mat and fiberglass strands for enhanced dimensional stability, high tear strength and puncture resistance. It is saturated and coated with high quality, asphaltic bitumen and SBS elastomers for a durable, flexible and easily maintainable membrane. It is designed for use as a base sheet or interply sheet in modified bitumen and built-up roof systems.

Physical Properties (ASTM D5147):	Test Results	ASTM D6164 Minimum Standard
Tensile Strength (lbf/in), 0°F (MD/XMD)	153/113 lbf/in	70 lbf/in
Tensile Strength (lbf/in), 73°F (MD/XMD)	113/79 lbf/in	50 lbf/in
Elongation (% @ Max Load), 0°F (MD/XMD)	45/44 %	20%
Elongation (% @ Max Load), 73°F (MD/XMD)	50/52 %	35%
Elongation (% @ 5% Max Load), 73°F (MD/XMD)	65/80 %	38%
Tear Strength (lbf), (MD/XMD), 73°F, minimum	152/122 lbf	55 lbf
Low Temperature Flexibility, (°F), maximum	0°F (-18°C)	0°F
Dimensional Stability, %, maximum	<0.2%	1%
High Temperature Stability, (°F)	250°F (121°C)	215°F



Product Data: DuraFlex® SBS PolyBase (typical)
Thickness: 2.3 mm (90 mils)
Weight: 88 lbs/roll (40 kg/m²)
Roll Dimensions: 39 3/8" x 49' 1" (1m x 15m)
 Each roll is approximately 161 sq. ft. unapplied

Green Standards Information: DuraFlex® SBS PolyBase contains approximately 29% of recycled materials by product weight. 4.5% of materials are comprised of post-consumer recycled materials and 24.5% of materials are comprised of pre-consumer recycled materials. The post-consumer recycled materials are derived from recycled post-consumer plastics which averts disposal in landfills or commercial dumps. The pre-consumer recycled materials are derived from reclaimed non-hazardous coal combustion by-product waste which averts disposal of coal by-product waste in landfills or commercial dumps.

Product Name: DuraFlex® SBS PolyBase

Classification: Meets ASTM D 6164 Type I, Grade S. SBS Modified Bitumen Base Sheet

Application Method: Applied using compatible hot asphalt or SBS cold adhesive

Approvals: UL Classified with Underwriter's Laboratories (UL), is Factory Mutual (FM) Approved, and listed with Florida Building Code (FBC) FL-8077, and Texas Department of Insurance (TDI) RC-123. Contact U.S. Ply, Inc. for specific/applicable codes.

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