

DURAFLEX™ SBS POLY BASE

Technical Data Sheet

Product Name: DuraFlex™ SBS Poly Base

Classification: SBS Modified Bitumen Roof Membrane

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

Application Method: DuraFlex™ SBS Poly Base is applied using compatible hot asphalt or SBS cold adhesive.

Approvals: Meets ASTM D 6164 Type I, Grade S. U.S. Ply products are listed or approved with Underwriter's Laboratories (UL) and Factory Mutual (FM). Contact U.S. Ply, Inc. for specific/applicable codes.

Product Data: DuraFlex™ SBS Poly Base (typical)

Thickness: 2.4 mm (94 mils)

Weight: 95 lbs/roll (43 kg/m²)

Roll Dimensions: 39 3/8" x 49' 1" (1m x 15m). Each roll is approximately 161 sq. ft.

Physical Properties (ASTM D 5147):	Test Results	ASTM D 6164 Minimum
Tensile Strength (lbf/in), 0°F, (MD/XMD)	100/85	70 lbf/in
Tensile Strength (lbf/in), 73°F, (MD/XMD)	98/72	50 lbf/in
Elongation (% @ Max Load), 0°F, (MD/XMD)	32/24	20%
Elongation (% @ Max Load), 73°F, (MD/XMD)	45/55	35%
Elongation (% @ 5%, Max Load), 73°F, (MD/XMD)	57/68	38%
Tear Strength (lbf), (MD/XMD), 73°F, minimum	110/92	55 lbf
Low Temperature Flexibility, (°F), maximum	0°F (-18°C)	0°F
Dimensional Stability, %, maximum	< 0.2%	1%
High Temperature Stability, (°F)	215°F (101°C)	215°F

All values given are approximate and are subject to change without notice. There is no implied or express warranty given through these values or statements, nor are there any assertions that the product purchased has been individually tested to conform to these standards. Testing is performed on a random basis by "in-house" and independent "third party" evaluation for the purpose of classification and or approval. Acceptance, purchase and selection of these products are the sole responsibility of the buyer or buyer's representative.

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April 2007