

USP™ SBS 160M

Technical Data Sheet

Product Name: USP™ SBS 160M

Classification: SBS Modified Bitumen Roof Membrane

Product Description: USP™ SBS 160M is a tough mineral surfaced, SBS (Styrene-Butadiene-Styrene) mop or cold applied membrane. Manufactured with a non-woven polyester mat that 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 cap membrane in modified bitumen and hybrid built-up roof systems.

Application Method: USP™ SBS 160M is applied using compatible hot asphalt or SBS cold adhesive.

Warranty: USP™ SBS 160M is eligible for a Ten (10) year Material Only Warranty. See USP 160 Application Spec Book for details.

Approvals: Meets ASTM D 6164 Type I, Grade G. 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: USP™ SBS 160M (typical)

Thickness: 4 mm (157 mils)

Weight: 98 lbs/roll (44.5 kg/m²)

Roll Dimensions: 39 3/8" x 32' 9" (1m x 10m). Each roll is approximately 107.6 sq. ft.

Physical Properties (ASTM D 5147):	Test Results	ASTM D 6164 Minimum
Tensile Strength (lbf/in), 0°F, (MD/XMD)	110/92	70 lbf/in
Tensile Strength (lbf/in), 73°F, (MD/XMD)	100/73	50 lbf/in
Elongation (% @ Max Load), 0°F, (MD/XMD)	30/26	20%
Elongation (% @ Max Load), 73°F, (MD/XMD)	55/57	35%
Elongation (% @ 5%, Max Load), 73°F, (MD/XMD)	57/68	38%
Tear Strength (lbf), (MD/XMD), 73°F, minimum	112/88	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
Granule Embedment, g/m ² , avg loss	<1.2 g	< 2 g

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