



DuraFlex® ALUM SBS

PRODUCT DATA SHEET

DuraFlex® ALUM SBS is a fire-resistant, embossed aluminum, premium SBS (Styrene-Butadiene-Styrene) mop or torch applied membrane. Manufactured with a fiberglass scrim mat that is saturated and coated with high quality, asphaltic bitumen and SBS elastomers for a durable, flexible and easily maintainable membrane. Designed for use as a cap sheet and flashing sheet in modified bitumen SBS roof systems.

Physical Properties (ASTM D5147):	Test Results	ASTM D6298 Minimum Standard
Tensile Strength (lbf/in), 0°F (MD/XMD)	178/198 lbf/in	160 lbf/in
Tensile Strength (lbf/in), 73°F (MD/XMD)	118/116 lbf/in	85 lbf/in
Elongation (% @ Max Load), 0°F, (MD/XMD)	5%	3%
Elongation (% @ Max Load), 73°F (MD/XMD)	6%	5%
Elongation (% @ 5% Max Load), 73°F (MD/XMD)	55/50%	25%
Tear Strength (lbf), (MD/XMD), 73°F, minimum	161/161 lbf	120 lbf
Low Temperature Flexibility, (°F), maximum	0°F (-18°C)	0°F
Dimensional Stability, %, maximum	<0.2%	1%
High Temperature Stability, (°F)	225°F (107°C)	215°F

Product Data: DuraFlex® ALUM SBS (typical)

Thickness: 3.5 mm (140 mils)

Weight: 103 lbs/roll (47 kg/m²)

Roll Dimensions: 39 3/8" x 33' 4" (1m x 10m)

Each roll is approximately 1 square



Product Name: DuraFlex® ALUM SBS

Classification: Meets ASTM D 6298. Reflective SBS Modified Bitumen

Application Method: Applied using compatible hot asphalt, cold adhesive, or torch welding techniques

Approvals: UL Classified with Underwriter's Laboratories (UL), is Factory Mutual (FM) Approved. Contact U.S. Ply, Inc. for specific/applicable codes.

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