

DURAFLEX™ ALUM SBS

Technical Data Sheet

Product Name: DuraFlex™ ALUM SBS

Classification: SBS Modified Bitumen Roof Membrane

Product Description: DuraFlex™ ALUM SBS is a fire-resistant, embossed aluminum, premium SBS (Styrene-Butadiene-Styrene) torch applied flashing membrane. Manufactured with a fiberglass 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 flashing sheet in modified bitumen and built-up roof systems.

Application Method: DuraFlex™ ALUM SBS is applied using torch heat welding techniques.

Approvals: Meets ASTM D 6298. 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™ ALUM SBS (typical)

Thickness: 3.5 mm (140 mils)

Weight: 103 lbs/roll (47 kg/m²)

Roll Dimensions: 39 ½" x 33' 4" (1m x 10m). Each roll is approximately 1 square applied.

Physical Properties (ASTM D 5147):	Test Results	ASTM D 6298 Minimum
Tensile Strength (lbf/in), 0°F, (MD/XMD)	178/198	160 lbf/in
Tensile Strength (lbf/in), 73°F, (MD/XMD)	108/109	85 lbf/in
Elongation (% @ Max Load), 0°F, (MD/XMD)	5/5	3%
Elongation (% @ Max Load), 73°F, (MD/XMD)	9/12	5%
Elongation (% @ 5%, Max Load), 73°F, (MD/XMD)	55/64	25%
Tear Strength (lbf), (MD/XMD), 73°F, minimum	168/196	120 lbf
Low Temperature Flexibility, (°F), maximum	0°F (-18°C)	0°F
Dimensional Stability, %, maximum	< 0.15%	0.2%
High Temperature Stability, (°F)	225°F (107°C)	225°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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