

# Product Data Sheet

## DURAFLEX® ALUM SBS

<b>Physical Properties (ASTM D5147):</b>	<b>Test Results</b>	<b>ASTM D6298 Minimum Standard</b>
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

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.

**Product Name:** DuraFlex® ALUM SBS

**Classification:** Reflective SBS Modified Bitumen

**Application Method:** DuraFlex® ALUM SBS is applied using hot asphalt or torch welding techniques.

**Approvals:** Meets ASTM D 6298. DuraFlex® ALUM SBS is UL Classified with Underwriter's Laboratories (UL), is Factory Mutual (FM) Approved. 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/m<sup>2</sup>)

Roll Dimensions: 39 3/8" x 33' 4" (1m x 10m). Each roll is approximately 1 square.

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. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY U.S. PLY, INC. EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



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