

# DURAFLEX™ G4-FR SBS

## Technical Data Sheet

**Product Name:** DuraFlex™ G4-FR SBS

**Classification:** SBS Modified Bitumen Roof Membrane

**Product Description:** DuraFlex™ G4-FR SBS is a fire-resistant, granule surfaced, premium SBS (Styrene-Butadiene-Styrene) mop or cold applied 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 cap sheet in modified bitumen and built-up roof systems.

**Application Method:** DuraFlex™ G4-FR SBS is applied using compatible hot asphalt or SBS cold adhesive.

**Approvals:** Meets ASTM D 6163 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:** DuraFlex™ G4-FR SBS (typical)

Thickness: 4.0 mm (157 mils)

Weight: 90 lbs/roll (41 kg/m<sup>2</sup>)

Roll Dimensions: 39 3/8" x 34' 2" (1m x 10m). Each roll is approximately 1 square applied.

<b>Physical Properties (ASTM D 5147):</b>	<b>Test Results</b>	<b>ASTM D 6163 Minimum</b>
Tensile Strength, 0°F, (MD/XMD)	95 lbf/in	70 lbf/in
Tensile Strength, 73°F, (MD/XMD)	70 lbf/in	30 lbf/in
Elongation (Max Load), 0°F, (MD/XMD)	2%	1%
Elongation (Max Load), 73°F, (MD/XMD)	3%	2%
Tear Strength, (MD/XMD), 73°F, minimum	65 lbf	35 lbf
Low Temperature Flexibility, (°F), maximum	-13°F (-25°C)	0°F
Dimensional Stability, %, maximum	< 0.5%	1%
High Temperature Stability, (°F)	250°F (120°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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