

DURAFLEX™ G4S SBS

Technical Data Sheet

Product Name: DuraFlex™ G4S SBS

Classification: SBS Modified Bitumen Roof Membrane

Product Description: DuraFlex™ G4S SBS is a smooth 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 base or interply sheet in modified bitumen and hybrid built-up roof systems.

Application Method: DuraFlex™ G4S SBS is applied using compatible hot asphalt or SBS cold adhesive.

Approvals: Meets ASTM D 6163 Type I, Grade S. 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™ G4S SBS (typical)

Thickness: 3.0 mm (120 mils)

Weight: 90 lbs/roll (41 kg/m²)

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

Physical Properties (ASTM D 5147):	Test Results	ASTM D 6163 Minimum
Tensile Strength (lbf/in), 0°F, (MD/XMD)	120/110	70 lbf/in
Tensile Strength (lbf/in), 73°F, (MD/XMD)	105/75	30 lbf/in
Elongation (% @ Max Load), 0°F, (MD/XMD)	4%	1%
Elongation (% @ Max Load), 73°F, (MD/XMD)	3%	2%
Elongation (% @ 5%, Max Load), 73°F, (MD/XMD)	5/7	3%
Tear Strength (lbf), (MD/XMD), 73°F, minimum	105/85	35 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

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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