

DuraFlex® G4FRTG SBS is a fire-resistant, premium SBS (Styrene-Butadiene-Styrene) torch applied membrane with a high reflective white granule. 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 torch applied roof systems.

Physical Properties (ASTM D5147):	Test Results	ASTM D6163 Minimum Standard
Tensile Strength (lbf/in), 0°F (MD/XMD)	120/110 lbf/in	70 lbf/in
Tensile Strength (lbf/in), 73°F (MD/XMD)	105/75 lbf/in	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 lbf	35 lbf
Low Temperature Flexibility, (°F), maximum	0°F (-18°C)	0°F
Dimensional Stability, %, maximum	<0.2%	1%
High Temperature Stability, (°F)	250°F (121°C)	215°F
Granule Embedment, g/m ² avg. loss	1.3	<2 g
Solar Reflectance Information:	Initial	Weathered
Solar Reflectance	0.84	0.57
Thermal Emittance	0.90	0.91
Solar Reflectance Index	106	68
CRRC Rated Product ID	0872-0009	



Product Data: DuraFlex® G4FRTG SBS (typical)

Thickness: 3.8 mm (150 mils)

Weight: 100 lbs/roll (45 kg/m²)

Roll Dimensions: 39 3/8" x 32' 9" (1m x 10m)

Each roll is approximately 1 square applied

Green Standards Information: DuraFlex® G4FRTG SBS contains approximately 6.5% of recycled materials by product weight. Materials are comprised of pre-consumer recycled materials. The pre-consumer recycled materials are derived from reclaimed non-hazardous coal combustion by-product waste which averts disposal of coal by-product waste in landfills or commercial dumps.

Product Name: DuraFlex® G4FRTG SBS

Color: Ultra White

Classification: Meets ASTM D 6163 Type I, Grade G. SBS Modified Bitumen Roof Membrane

Application Method: Applied using torch welding techniques

Approvals: UL Classified with Underwriter's Laboratories (UL), is Factory Mutual (FM) Approved, and listed with Florida Building Code (FBC) FL-8077, and Texas Department of Insurance (TDI) RC-123. DuraFlex® G4FRTG SBS with Ultra White granule is CRRC Rated. Contact U.S. Ply, Inc. for specific/applicable codes.

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