

# Product Data Sheet

## DURAFLEX® 190FRTG SBS Color: ULTRA WHITE

DuraFlex® 190FR TG SBS is a fire-resistant, premium SBS (Styrene-Butadiene-Styrene) torch applied membrane with a high reflective white granule. Manufactured with a non-woven polyester mat and fiberglass strands for enhanced dimensional stability, high tear strength and puncture resistance. It 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 in modified bitumen torch applied SBS roof systems.

<b>Physical Properties (ASTM D5147):</b>	<b>Test Results</b>	<b>ASTM D6164 Minimum Standard</b>
Tensile Strength (lb/in), 0°F (MD/XMD)	118/97 lb/in	70 lb/in
Tensile Strength (lb/in), 73°F (MD/XMD)	105/78 lb/in	50 lb/in
Elongation (% @ Max Load), 0°F, (MD/XMD)	30/26%	20%
Elongation (% @ Max Load), 73°F (MD/XMD)	55/57%	35%
Elongation (% @ 5% Max Load), 73°F (MD/XMD)	57/68%	38%
Tear Strength (lb), (MD/XMD), 73°F, minimum	116/92 lb	55 lb
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/m² avg. loss	1.3	<2 g
<b>Solar Reflectance Information:</b>	<b>Initial</b>	<b>Weathered</b>
Solar Reflectance	0.84	Pending
Thermal Emittance	0.90	Pending
Solar Reflectance Index	106	Pending
CRRC Rated Product ID	0872-0009	

**Product Name:** DuraFlex® 190FRTG SBS

**Color:** Ultra White

**Classification:** SBS Modified Bitumen Base Sheet

**Application Method:** DuraFlex® 190FRTG SBS is applied using torch welding techniques.

**Approvals:** Meets ASTM D 6164 Type I, Grade G. DuraFlex® 190FRTG SBS is 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® 190FRTG SBS with Ultra White granule is CRRC Rated. Contact U.S. Ply, Inc. for specific/applicable codes.

**Product Data:** DuraFlex® 190FRTG SBS (typical)

Thickness: 4.2 mm (166 mils)

Weight: 105 lbs/roll (48 kg/m²)

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

**Green Standards Information:** DuraFlex® 190FRTG SBS contains approximately 2.4% of recycled materials by product weight. Materials are comprised of post-consumer recycled materials. The post-consumer recycled materials are derived from recycled post-consumer plastics which averts disposal in landfills or commercial dumps.

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representative. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product.

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