



# DuraFlex® 190TG SBS ULTRA WHITE

## PRODUCT DATA SHEET

**DuraFlex® 190TG SBS** is a granule surfaced, 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, flexi-ble and easily maintainable membrane. Designed for use as a cap sheet in modified bitumen torch applied SBS roof systems.

Physical Properties (ASTM D5147):	Test Results	ASTM D6164 Minimum Standard
Tensile Strength (lbf/in), 0°F (MD/XMD)	135/120 lbf/in	70 lbf/in
Tensile Strength (lbf/in), 73°F (MD/XMD)	98/89 lbf/in	50 lbf/in
Elongation (% @ Max Load), 0°F, (MD/XMD)	49/48 %	20%
Elongation (% @ Max Load), 73°F (MD/XMD)	54/60 %	35%
Elongation (% @ 5% Max Load), 73°F (MD/XMD)	62/68 %	38%
Tear Strength (lbf), (MD/XMD), 73°F, minimum	129/117 lbf	55 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 <sup>2</sup> avg. loss	1.9	<2 g
<b>Solar Reflectance Information:</b>	<b>Initial</b>	<b>Weathered</b>
Solar Reflectance	0.84	.57
Thermal Emittance	0.90	.91
Solar Reflectance Index	106	68
CRRC Rated Product ID	0872-0009	



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

**Thickness:** 3.8 mm (150 mils)

**Weight:** 100 lbs/roll (45 kg/m<sup>2</sup>)

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

Each roll is approximately 1 square

**Green Standards Information:** DuraFlex® 190TG 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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**Product Name:** DuraFlex® 190TG SBS

**Color:** Ultra White

**Classification:** Meets ASTM D 6164 Type I, Grade G. SBS Modified Bitumen Base Sheet

**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® 190TG SBS with Ultra White granule is CRRC Rated. Contact U.S. Ply, Inc. for specific/applicable codes.



**PROUDLY  
MADE IN THE U.S.A.  
BY U.S. PLY, INC.**

**CORPORATE HEADQUARTERS: P.O. BOX 1182, BRIDGEPORT, TEXAS 76426**

**PHONE: (817)413-0103 FAX: (817)413-8221**

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**WWW.USPLY.COM**