

# DURAFLEX™ 190S TG SBS

## Technical Data Sheet

**Product Name:** DuraFlex™ 190S TG SBS

**Classification:** SBS Modified Bitumen Roof Membrane

**Product Description:** DuraFlex™ 190S TG SBS is a smooth surfaced, premium SBS (Styrene-Butadiene-Styrene) torch applied membrane. Manufactured with a non-woven polyester mat that is saturated and coated with a premium quality, asphaltic bitumen and SBS elastomers for a highly durable, flexible and easily maintainable membrane. It is designed for use as a base sheet or an interply sheet in modified bitumen SBS torch applied roof systems.

**Application Method:** DuraFlex™ 190S TG SBS is applied using torch heat welding techniques.

**Approvals:** Meets ASTM D 6164 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™ 190S TG SBS (typical)

Thickness: 3.0 mm (120 mils)

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

Roll Dimensions: 39 3/8" x 32' 9" (1m x 10m). Each roll is approximately 107.6 sq. ft.

<b>Physical Properties (ASTM D 5147):</b>	<b>Test Results</b>	<b>ASTM D 6164 Minimum</b>
Tensile Strength (lbf/in), 0°F, (MD/XMD)	108/87	70 lbf/in
Tensile Strength (lbf/in), 73°F, (MD/XMD)	103/74	50 lbf/in
Elongation (% @ Max Load), 0°F, (MD/XMD)	35/26	20%
Elongation (% @ Max Load), 73°F, (MD/XMD)	46/57	35%
Elongation (% @ 5%, Max Load), 73°F, (MD/XMD)	57/68	38%
Tear Strength (lbf), (MD/XMD), 73°F, minimum	115/92	55 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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