



DuraFlex® 190S SBS

PRODUCT DATA SHEET

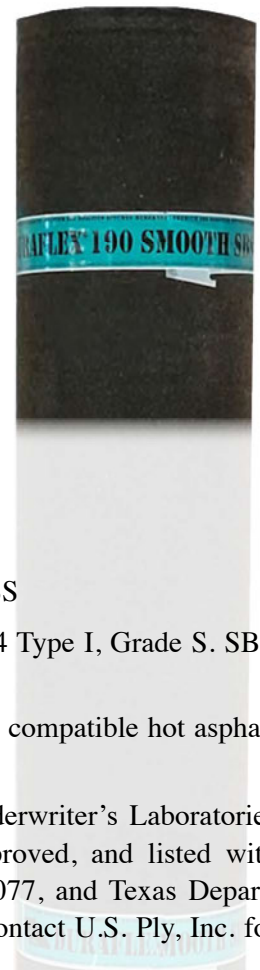
DuraFlex® 190S SBS is a tough smooth surfaced, premium SBS (Styrene-Butadiene-Styrene) mop or cold adhesive applied membrane. Manufactured with a non-woven polyester mat and fiberglass strands for enhanced dimensional stability, high tear strength and puncture resistance. It is saturated and coated with high quality, asphaltic bitumen and SBS elastomers for a durable, flexible and easily maintainable membrane. Designed for use as a base sheet modified bitumen roof systems or as a cap sheet when surfaced with a flood coat of asphalt and gravel.

Physical Properties (ASTM D5147):	Test Results	ASTM D6164 Minimum Standard
Tensile Strength (lbf/in), 0°F (MD/XMD)	153/113 lbf/in	70 lbf/in
Tensile Strength (lbf/in), 73°F (MD/XMD)	113/79 lbf/in	50 lbf/in
Elongation (% @ Max Load), 0°F, (MD/XMD)	45/44 %	20%
Elongation (% @ Max Load), 73°F (MD/XMD)	50/52 %	35%
Elongation (% @ 5% Max Load), 73°F (MD/XMD)	65/80 %	38%
Tear Strength (lbf), (MD/XMD), 73°F, minimum	152/122 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

Product Data: DuraFlex® 190S SBS (typical)
Thickness: 3.0 mm (120 mils)
Weight: 88 lbs/roll (40 kg/m²)
Roll Dimensions: 39 3/8" x 32' 9" (1m x 10m)

Green Standards Information: DuraFlex® 190S SBS contains approximately 19.6% of recycled materials by product weight. 2.9% of materials are comprised of post-consumer recycled materials and 16.7% of materials are comprised of pre-consumer recycled materials. The post-consumer recycled materials are derived from recycled post-consumer plastics which averts disposal in landfills or commercial dumps. 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.

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. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY U.S. PLY, INC. EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



Product Name: DuraFlex® 190S SBS

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

Application Method: Applied using compatible hot asphalt or SBS cold adhesive

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. Contact U.S. Ply, Inc. for specific/applicable codes.



PROUDLY
 MADE IN THE U.S.A.
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REV MAY 2023

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