



# DuraFlex® 250FR SBS

## PRODUCT DATA SHEET

**DuraFlex® 250FR SBS** is a fire-resistant, granule surfaced, premium SBS (Styrene-Butadiene-Styrene) mop or cold applied membrane. Manufactured with a heavy-duty, high performance non-woven polyester mat for higher 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 SBS roof systems.

Physical Properties (ASTM D5147):	Test Results	ASTM D6164 Type II Minimum Standard
Tensile Strength (lbf/in), 0°F (MD/XMD)	165/125 lbf/in	100 lbf/in
Tensile Strength (lbf/in), 73°F (MD/XMD)	162/105 lbf/in	70 lbf/in
Elongation (% @ Max Load), 0°F, (MD/XMD)	57/65%	20%
Elongation (% @ Max Load), 73°F (MD/XMD)	61/78%	50%
Elongation (% @ 5% Max Load), 73°F (MD/XMD)	65/80%	38%
Tear Strength (lbf), (MD/XMD), 73°F, minimum	186/125 lbf	70 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	1.5	<2 g

**Product Data:** DuraFlex® 250FR SBS (typical)

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

**Weight:** 105 lbs/roll (48 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® 250FR SBS contains approximately 9.6% of recycled materials by product weight. 3.2% of materials are comprised of post-consumer recycled materials and 6.4% 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® 250FR 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**  
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