



# DuraFlex® 250FR SBS ULTRA WHITE

PRODUCT DATA SHEET

**DuraFlex® 250FR SBS** is a fire-resistant, granule surfaced, premium SBS (Styrene-Butadiene-Styrene) mop or cold applied membrane with a high reflective white granule. 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
<b>Solar Reflectance Information:</b>	<b>Initial</b>	<b>Weathered</b>
Solar Reflectance	0.84	0.57
Thermal Emittance	0.90	0.91
Solar Reflectance Index	106	68
CRRC Rated Product ID	0872-0009	



**Product Data:** DuraFlex® 250FR 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® 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.

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**Product Name:** DuraFlex® 250FR SBS

**Color:** Ultra White

**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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BY U.S. PLY, INC.**

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