

DuraFlex® 250S TG SBS is a tough smooth surfaced, premium SBS (Styrene-Butadiene-Styrene) torch 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 base sheet or interply sheet in modified bitumen torch applied 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	<0.5%	1%
High Temperature Stability, (°F)	250°F (121°C)	215°F



Product Data: DuraFlex® 250S TG 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)

Each roll is approximately 1 square applied

Green Standards Information: DuraFlex® 250S TG SBS contains approximately 12.9% of recycled materials by product weight. 3.8% of materials are comprised of post-consumer recycled materials and 9.1% 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.

Product Name: DuraFlex® 250S TG SBS

Classification: Meets ASTM D 6164 Type II, Grade S. 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 Texas Department of Insurance (TDI) RC-123. Contact U.S. Ply, Inc. for specific/applicable codes.

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