

DURAFLEX™ 90TG SBS BASE

Technical Data Sheet

Product Name: DuraFlex™ 90TG SBS BASE

Classification: SBS Modified Bitumen Roof Membrane

Product Description: DuraFlex™ 90TG SBS BASE is a smooth surfaced, premium SBS (Styrene-Butadiene-Styrene) torch applied membrane. Manufactured with a fiberglass mat that is saturated and coated with high quality, asphaltic bitumen and SBS elastomers for a durable, flexible and easily maintainable membrane. It is designed for use as a base sheet or interply sheet in modified bitumen torch applied SBS roof systems.

Application Method: DuraFlex™ 90TG SBS BASE is applied using torch heat welding techniques.

Approvals: Meets ASTM D 6163 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™ 90TG SBS BASE (typical)

Thickness: 3.0 mm (120 mils)

Weight: 85 lbs/roll (38.5 kg/m²)

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

Physical Properties (ASTM D 5147):	Test Results	ASTM D 6163 Minimum
Tensile Strength (lbf/in), 0°F, (MD/XMD)	120/110	70 lbf/in
Tensile Strength (lbf/in), 73°F, (MD/XMD)	105/75	30 lbf/in
Elongation (% @ Max Load), 0°F, (MD/XMD)	4%	1%
Elongation (% @ Max Load), 73°F, (MD/XMD)	3%	2%
Elongation (% @ 5%, Max Load), 73°F, (MD/XMD)	5/7	3%
Tear Strength (lbf), (MD/XMD), 73°F, minimum	105/85	35 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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April 2007