

SOPREMA SELECT

SBS POLY GR

Granulated SBS-Modified Bitumen Membrane

PDS08105-REV 240806

DESCRIPTION & FEATURES

SBS POLY GR is a 4.0 mm (157.5 mil) SBS (styrene-butadiene-styrene) modified bitumen roofing membrane. SOPREMA's exclusive SBS polymer and asphalt formulation yields exceptional elongation and recovery properties for long-term durability. It is reinforced with a non-woven polyester mat that provides added strength and puncture resistance to the membrane. SBS POLY GR is available in standard white mineral surfacing.

- Excellent resistance to temperature variations
- Excellent tear resistance
- Meets or exceeds requirements of ASTM D6164, Type I, Grade G

PRODUCT CHARACTERISTICS

Technology	SBS polymer modified bitumen
ASTM	D6164 Type I, Grade G
Reinforcement	Non-woven polyester
Surface	Ceramic coated granules
Underface	Sanded



PRODUCT INFORMATION

Product Number	Length ft (m)	Width in (m)	Thickness mils (mm)	Weight lb (kg)	Coverage sq ft (sq m)	Rolls/Pallet
08105	Min: 32.8 (10.0)	Avg: 39.4 (1.0)	Avg: 157 (4.0)	Min: 117 (53.1)	Min: 97.9 (9.1)	25

PHYSICAL PROPERTIES

PROPERTY / UNIT	MD	XMD	ASTM TEST METHOD
Peak load @ 0°F (-18°C); lbf/in (kN/m) (avg)	115 (20.1)	90 (15.8)	D5147
Elongation at peak load @ 0°F (-18°C); % (avg)	35	40	D5147
Peak load @ 73.4°F (23°C); lbf/in (kN/m) (avg)	85 (14.9)	65 (11.4)	D5147
Elongation at peak load @ 73.4°F (23°C); % (avg)	55	60	D5147
Ultimate elongation @ 73.4°F (23°C); % (avg)	65	80	D5147
Tear strength @ 73.4°F (23°C); lbf (N) (avg)	125 (556)	85 (378)	D5147
Dimensional stability; % (max)	< 0.5	< 0.5	D5147
Low temperature flexibility; °F (°C) (max)	-15 (-26)	-15 (-26)	D5147
Compound stability; °F (°C) (min)	> 240 (116)	> 240 (116)	D5147
Granule embedment; g	1.5 avg		D5147

All values shown are nominal and subject to normal manufacturing tolerances.

INSTALLATION

Surface Preparation	The substrate should be clean, stable, dry, free of any loose materials, grease, and other contaminants, which may compromise the product's performance.
Minimum Installation Temperature	40°F (4°C)
Installation	Install the membrane via cold adhesive or hot asphalt following the manufacturer's guidelines.
Recommendations/ Restrictions	Do not install the membrane directly to softwood boards or flexible polyvinyl chloride. Before installing the membrane, cover the surface with a suitable panel or an underlayment membrane.
Storage	Store rolls in an upright position to prevent damage. Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture.



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