

# SOPREMA SELECT

# SBS POLY FLAM GR

Heat-welded, Granulated SBS-Modified Bitumen Membrane

PDS08101-REV 240806

## DESCRIPTION & FEATURES

SBS POLY FLAM 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 FLAM GR is available in standard white mineral surfacing.

- Excellent resistance to temperature variations
- Excellent dimensional stability
- Backed with a plastic burn-off film for ease of heat welding installation
- 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	Thermofusible plastic film



## PRODUCT INFORMATION

Product Number	Length ft (m)	Width in (m)	Thickness mils (mm)	Weight lb (kg)	Coverage sq ft (sq m)	Rolls/Pallet
08101	Min: 32.8 (10.0)	Avg: 39.4 (1.0)	Avg: 157 (4.0)	Min: 114.9 (52.1)	Min: 98 (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)	40	35	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 heat welding.
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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