SOPRALENE FLAM 180 GR

SOPRALENE FLAM 180 GR (50) Order No. 01667*

*Cap sheet order numbers are for WHITE CAP SHEETS ONLY. Contact Customer Service or your Sales Representative for other available cap sheet colors and special order requirements.

DESCRIPTION & APPLICATION

Sopralene Flam 180 GR cap ply is composed of selected SBS modified bitumen applied onto a non-woven polyester reinforcement with film on the underside and a colored granule topside surface.

The Sopralene Flam 180 GR field and flashing cap membrane ply is adhered to a properly prepared, clean, dry and/or primed (where required) base or ply membrane by using the heat welding application method.

See published Specifications and Approved Details.

COMPOSITION & PACKAGING

Product/ Property	**SOPRALENE FLAM 180 GR**
Reinforcement	polyester
Elastomeric Bitumen	selected blend of bitumen and SBS thermoplastic polymers
Topside	colored granules
Underside	film
Approximate Nominal Thickness	160 mils (4.0 mm)
Approximate Roll Coverage	97.5 ft² (9.1m²)
Side Lap	3” (76 mm)
End Lap	6” (152 mm)
Roll Length	33 ft (10 m)
Roll Width	39” (1 m)
Approximate Roll Weight	113 lbs (51.3 kg)
Rolls per Pallet*	25
* Rolls stocked upright on pallets	

WARRANTY

Contact your local SOPREMA representative for project warranty offerings.

General product information is provided on this Product Data Sheet. The physical property values reported here are based on testing conducted under controlled laboratory conditions according to accepted test standards.

PHYSICAL PROPERTIES

Physical Property per ASTM D 6164, Type I, Grade G	MD	XD
Tensile - Max Load at 0 ± 3.6°F lbf/in	117	83
Elongation at 0 ± 3.6°F %	29	22
Tensile - Max Load at 73.4 ± 3.6°F lbf/in	70	70
Elongation at 73.4 ± 3.6°F %	56	61
Tear Strength at 73.4 ± 3.6°F lbf	120	87
Low Temperature Flex °F max	-15	-15
Dimensional Stability % max	<0.5	<0.5
Compound Stability Temp F	230	230
Granule Embedment g/max	0.8	0.8
Minimum values before and after Heat Conditioning Test results for manufacturing plant in Wadsworth, OH		

APPROVALS

See Underwriters Laboratories Inc. File #R11436, FM Approvals, ICC/ES, Miami-Dade County or Florida Building Code Product Approval Listings for current Approved Roof Assembly combinations. Soprema is ISO-9001:2000 Certified.

GENERAL

SOPREMA is a Certified ISO 9001:2000 worldwide producer of bituminous membranes with factories in Europe and North America. Waterproofing sheets have been produced by SOPREMA since 1908. Today, through a special mixture of components, SOPREMA membranes redefine the qualities indispensable to a high performance roof membrane: elasticity, flexibility, heat & fatigue resistance.

SOPREMA SBS modified bitumen membrane assemblies typically consist of base and top ply membranes that have specific type reinforcements in order to meet specific ASTM Standards. The two ply system provides a resistance to punctures and tears, as well as ensuring an effective distribution of stress points. The two ply system operates in a homogeneous fashion. The bitumen in each layer moves uniformly to offer continuous protection.

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