



ELASTOPHENE FLAM HS FR GR



ELASTOPHENE FLAM HS FR GR (38C) Order No. 01275*

***Cap sheet order number is for a WHITE CAP SHEET ONLY. Contact Customer Service or your Sales Representative for other available cap sheet colors and special order requirements.**

DESCRIPTION

Elastophene Flam HS FR GR membrane is composed of selected SBS modified bitumen applied onto a woven fiberglass composite reinforcement and is produced with a plastic film underside and granule surfaced topside as a cap membrane. The plastic film underside membrane cap is adhered to a base ply by using a heat welding application method. Elastophene Flam HS FR GR meets ASTM D 6162.

See published Specifications and Approved Details.

COMPOSITION & PACKAGING

Product/ Property	ELASTOPHENE FLAM HS FR GR
Reinforcement	Composite fiberglass/non-woven polyester
Elastomeric Bitumen	Selected blend of bitumen and SBS thermoplastic polymers
Topside	granules
Underside	plastic film
Approximate Nominal Thickness	3.5 mm (140 mils)
Approximately Roll Coverage	97.5 ft ² (9.1 m ²)
Side Lap	3" (76 mm)
End Lap	6" (152 mm)
Roll Length	33 ft (10 m)
Roll Width	39" (1 m)
Approximate Roll Weight	110 lbs. (50 kg)
Rolls per Pallet*	25
*Rolls stocked upright on pallet	

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.

WARRANTY

Contact your local SOPREMA representative for project warranty offerings.




PHYSICAL PROPERTIES

Physical Property per ASTM D 6162, Type III, Grade G	MD	XD
Tensile - Max Load at 0 ± 3.6°F lbf/in	400	450
Elongation at 0 ± 3.6°F %	5	6
Tensile - Max Load at 73.4 ± 3.6°F lbf/in	300	274
Elongation at 73.4 ± 3.6°F %	19	17
Tear Strength at 73.4 ± 3.6°F lbf	390	390
Low Temperature Flex °F max	-13	-13
Dimensional Stability % max	<0.5	<0.5
Compound Stability Temp F	250	250
Granule Embedment g/max	<2	<2
Minimum values before and after Heat Conditioning Test results for manufacturing plant in Wadsworth, OH		

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.

	Solar Reflectance	<u>Initial</u> 0.26	<u>Weathered</u> 0.25	Cool Roof Rating Council ratings are determined for a fixed set of conditions and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building construction may vary. Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating normal procedures.
	Thermal Emittance	0.88	0.91	
	SRI	Varies by location		
	Rated Product ID	0772-0023		
	Licensed Manufacturer ID	0772		
	Classification	Production Line		

CA Title 24 (CRRC) Compliant	Reflectivity	Emmissivity
Initial	0.26	0.88
Weathered	0.25	0.91
LEED	Recycled Content 0%	
	Production Locations: Wadsworth, OH, Gulfport, MS, & Chilliwack, BC	