



ELASTOPHENE HS FR GR

ELASTOPHENE HS FR GR (38B)

Order No. 01073*



*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 HS FR GR membrane is composed of selected SBS modified bitumen applied onto a woven fiberglass composite reinforcement and is produced with a high brush sanded underside and granules on the topside cap membrane ply. The sanded cap membrane is adhered to a properly prepared or primed substrate (where required) by using hot asphalt or cold adhesive. Elastophene HS FR GR meets ASTM D 6162.

See published Specifications and Approved Details.

COMPOSITION & PACKAGING

Product/ Property	ELASTOPHENE HS FR GR
Reinforcement	Composite fiberglass/non-woven polyester
Elastomeric Bitumen	Selected blend of bitumen and SBS thermoplastic polymers
Topside	granules
Underside	sanded
Approximate Nominal Thickness	4.0 mm (160 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	100 lbs. (45.3 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-9001:2008 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
Max Load at 0 ± 3.6°F lbf/in	608	585
Elongation at 0 ± 3.6°F %	12	6
Max Load at 73.4 ± 3.6°F lbf/in	555.9	387.0
Elongation at 73.4 ± 3.6°F %	20%	11%
Tear Strength at 73.4 ± 3.6°F lbf	1,020.0	706.0
Low Temperature Flex °F max	-13	-13
Dimensional Stability % max	<0.5	<0.5
Compound Stability Temp F	250	250
Granule Embedment g/max	<2.0	<2.0
Minimum values before and after Heat Conditioning Test results for manufacturing plant in Wadsworth, OH		

GENERAL

SOPREMA is a Certified ISO 9001:2008 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.

	Initial		Weathered	
	Solar Reflectance	0.26	0.25	0.88
Thermal Emittance	0.88	0.91		
Rated Product ID Number	0772-0025			
Licensed Seller ID Number	0772			
Classification	Production Line			

CRRC is a non-profit organization that provides a third-party certification program for roofing products. The CRRC program is designed to ensure that roofing products meet or exceed the performance requirements of the International Building Code (IBC) and other building codes. The CRRC program is based on the performance of roofing products under real-world conditions. The CRRC program is not a warranty or guarantee of performance. The CRRC program is not a certification of quality. The CRRC program is not a certification of safety. The CRRC program is not a certification of durability. The CRRC program is not a certification of fire resistance. The CRRC program is not a certification of wind resistance. The CRRC program is not a certification of hail resistance. The CRRC program is not a certification of impact resistance. The CRRC program is not a certification of theft resistance. The CRRC program is not a certification of vandalism resistance. The CRRC program is not a certification of graffiti resistance. The CRRC program is not a certification of mold resistance. The CRRC program is not a certification of mildew resistance. The CRRC program is not a certification of algae resistance. The CRRC program is not a certification of lichen resistance. The CRRC program is not a certification of moss resistance. The CRRC program is not a certification of bacteria resistance. The CRRC program is not a certification of fungi resistance. The CRRC program is not a certification of insects resistance. The CRRC program is not a certification of rodents resistance. The CRRC program is not a certification of birds resistance. The CRRC program is not a certification of animals resistance. The CRRC program is not a certification of plants resistance. The CRRC program is not a certification of trees resistance. The CRRC program is not a certification of shrubs resistance. The CRRC program is not a certification of flowers resistance. The CRRC program is not a certification of grass resistance. The CRRC program is not a certification of weeds resistance. The CRRC program is not a certification of moss resistance. The CRRC program is not a certification of lichen resistance. The CRRC program is not a certification of algae resistance. The CRRC program is not a certification of mold resistance. The CRRC program is not a certification of mildew resistance. The CRRC program is not a certification of bacteria resistance. The CRRC program is not a certification of fungi resistance. The CRRC program is not a certification of insects resistance. The CRRC program is not a certification of rodents resistance. The CRRC program is not a certification of birds resistance. The CRRC program is not a certification of animals resistance. The CRRC program is not a certification of plants resistance. The CRRC program is not a certification of trees resistance. The CRRC program is not a certification of shrubs resistance. The CRRC program is not a certification of flowers resistance. The CRRC program is not a certification of grass resistance. The CRRC program is not a certification of weeds resistance.

Manufacturing of products by CRRC is subject to change without notice. The CRRC program is not a warranty or guarantee of performance. The CRRC program is not a certification of quality. The CRRC program is not a certification of safety. The CRRC program is not a certification of durability. The CRRC program is not a certification of fire resistance. The CRRC program is not a certification of wind resistance. The CRRC program is not a certification of hail resistance. The CRRC program is not a certification of impact resistance. The CRRC program is not a certification of theft resistance. The CRRC program is not a certification of vandalism resistance. The CRRC program is not a certification of graffiti resistance. The CRRC program is not a certification of mold resistance. The CRRC program is not a certification of mildew resistance. The CRRC program is not a certification of algae resistance. The CRRC program is not a certification of lichen resistance. The CRRC program is not a certification of moss resistance. The CRRC program is not a certification of bacteria resistance. The CRRC program is not a certification of fungi resistance. The CRRC program is not a certification of insects resistance. The CRRC program is not a certification of rodents resistance. The CRRC program is not a certification of birds resistance. The CRRC program is not a certification of animals resistance. The CRRC program is not a certification of plants resistance. The CRRC program is not a certification of trees resistance. The CRRC program is not a certification of shrubs resistance. The CRRC program is not a certification of flowers resistance. The CRRC program is not a certification of grass resistance. The CRRC program is not a certification of weeds resistance.

CA Title 24 Compliant Initial/Weathered - CRRC Rated	Reflectivity 0.26 / 0.25	Emmissivity 0.88 / 0.91
LEED	Recycled Content 0%	
	Production Location: Wadsworth, OH	

Solar Reflective Index(SRI)	
Initial	Weathered
24.4	25.8