



# ELASTOPHENE FLAM HP FR GR

ELASTOPHENE FLAM HP FR GR (37B)

Order No. 01727\*

**\*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 HP FR GR membrane is composed of selected SBS modified bitumen applied onto a fiberglass/non-woven polyester composite reinforcement and is produced with plastic film underside and granules topside. Elastophene Flam HP FR GR membrane is bonded to a properly prepared, clean, and dry substrate by using heat welding methods. Elastophene Flam HP FR GR membrane is tested in accordance with ASTM D 5147.

See published Specifications and Approved Details.

## COMPOSITION & PACKAGING

Product/ Property	ELASTOPHENE FLAM HP 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	3.3 mm (132 mils)
Approximate Roll Coverage	97.5 ft <sup>2</sup> (9.1 m <sup>2</sup> )
Side Lap	3" (76 mm)
End Lap	6" (152 mm)
Roll Length	33 ft (10 m)
Roll Width	39" (1 m)
Approximate Roll Weight	98 lbs. (44.4 kg)
Rolls per Pallet*	25
*Rolls stocked upright on pallet	



## PHYSICAL PROPERTIES

Physical Property per ASTM D 5147	MD	XD
Tensile - Max Load at 0 ± 3.6°F lbf/in	72	50
Elongation at 0 ± 3.6°F %	33	42
Tensile - Max Load at 73.4 ± 3.6°F lbf/in	49	44
Elongation at 73.4 ± 3.6°F %	39	41
Tear Strength at 73.4 ± 3.6°F lbf	102	71
Low Temperature Flex °F max	-15	-15
Dimensional Stability % max	<0.5	<0.5
Compound Stability Temp F	215	215
Granule Embedment g/max	<2	<2
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.

## WARRANTY

Contact your local SOPREMA representative for project warranty offerings.

## 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.