



# ELASTOPHENE FR+ GR

ELASTOPHENE FR+ GR (55A)

Order No. \*

\*Contact Customer Service for order number and availability.

## DESCRIPTION & APPLICATION

Elastophene FR+ GR is composed of a special elastomeric modified bitumen blend of SBS with a special fire retardant (FR+) formulation which is applied onto glass mat reinforcement.

Elastophene FR+ GR has a sanded underside with a granulated top as a field cap membrane ply. This cap sheet is adhered to properly prepared, clean, dry and/or primed (where required) specific membranes using hot asphalt or cold adhesive, depending upon the projects roof slope and fire classification requirements.

See published Specifications and Approved Details.

## COMPOSITION & PACKAGING

Product/ Property	ELASTOPHENE FR+ GR
Reinforcement	fiberglass
Elastomeric Bitumen	selected blend of bitumen and SBS thermoplastic polymers
Topside	colored granules
Underside	sanded
Approximate Nominal Thickness	140 mils (3.5 mm)
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	95 lbs (43.1 kg)
Rolls per Pallet*	25
* Rolls stocked upright on pallets	

## WARRANTY

Contact your local SOPREMA representative for project warranty offerings.



## PHYSICAL PROPERTIES

Physical Property per ASTM D 6163, Type I, Grade G	MD	XD
Tensile - Max Load at $0 \pm 3.6^\circ\text{F}$ lbf/in	116	104
Elongation at $0 \pm 3.6^\circ\text{F}$ %	4.2	4.0
Tensile - Max Load at $73.4 \pm 3.6^\circ\text{F}$ lbf/in	57	57
Elongation at $73.4 \pm 3.6^\circ\text{F}$ %	4.0	4.0
Tear Strength at $73.4 \pm 3.6^\circ\text{F}$ lbf	82	73
Low Temperature Flex $^\circ\text{F}$ max	-15	-15
Dimensional Stability % max	<0.1	<0.1
Compound Stability Temp F	215	215
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.