



ELASTOPHENE FLAM HR 3.0

ELASTOPHENE FLAM HR 3.0 (27A)

Order No. 00252

DESCRIPTION & APPLICATION

Elastophene Flam HR 3.0 membrane is composed of selected SBS modified bitumen applied onto a glass mat/glass grid composite reinforcement with a film underside and a film topside surface.

The Elastophene Flam HR 3.0 field base membrane ply is adhered to a properly prepared, clean, dry and/or primed (where required) substrate by heat welding application method. Optional inner ply or the field cap membrane ply is bonded to the properly prepared, clean, dry and/or primed (where required) Elastophene Flam HR 3.0 top surface with heat welding application method.

See published Specifications and Approved Details.

COMPOSITION & PACKAGING

Product/ Property	ELASTOPHENE FLAM HR 3.0
Reinforcement	glass grid
Elastomeric Bitumen	selected blend of bitumen and SBS thermoplastic polymers
Topside	film
Underside	film
Approximate Nominal Thickness	120 mils (3.0 mm)
Approximate 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	86 lbs (39 kg)
Rolls per Pallet*	30
* Rolls stocked upright on pallets	

WARRANTY

Contact your local SOPREMA representative for project warranty offerings.



PHYSICAL PROPERTIES

Physical Property per ASTM D 6163, Type II, Grade S	MD	XD
Tensile - Max Load at 0 ± 3.6°F lbf/in	200	175
Elongation at 0 ± 3.6°F %	8	8
Tensile - Max Load at 73.4 ± 3.6°F lbf/in	136	134
Elongation at 73.4 ± 3.6°F %	12	10
Tear Strength at 73.4 ± 3.6°F lbf	130	130
Low Temperature Flex °F max	-15	-15
Dimensional Stability % max	<0.1	<0.1
Compound Stability Temp F	230	230
Granule Embedment g/max	NA	NA

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.