



ELASTOPHENE HP

ELASTOPHENE HP (37)

Order No. 00232

DESCRIPTION

Elastophene HP membrane is composed of selected SBS modified bitumen applied onto a fiberglass/non-woven polyester composite reinforcement and is produced with a high brush sanded underside and topside. Elastophene HP is adhered to a properly prepared or primed substrate (where required) by using hot asphalt or cold adhesive. The properly prepared high brush sanded surface on the base membrane ply topside allows for inner ply or cap sheet membranes to be bonded either by hot mopping or cold adhesive.

When a Soprema Approved SA Primer is applied to a properly prepared, clean and dry high brush sanded field or inner ply membrane surface and Soprema Sealant is applied to all side and end lap edges not having a bitumen bleed-out, a self-adhesive cap sheet can then be installed. Elastophene HP membrane is tested in accordance with ASTM D 5147.

See published Specifications and Approved Details.

COMPOSITION & PACKAGING

Product/ Property	ELASTOPHENE HP
Reinforcement	Composite fiberglass/non-woven polyester
Elastomeric Bitumen	Selected blend of bitumen and SBS thermoplastic polymers
Topside	sanded
Underside	sanded
Approximate Nominal Thickness	1.8 mm (71 mils)
Approximately Roll Coverage	195 ft ² (18.2 m ²)
Side Lap	3" (76 mm)
End Lap	6" (152 mm)
Roll Length	65.6 ft (20 m)
Roll Width	39" (1 m)
Approximate Roll Weight	96.1 lbs. (43.6 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	30
Tensile - Max Load at 73.4 ± 3.6°F lbf/in	49	50
Elongation at 73.4 ± 3.6°F %	39	58
Tear Strength at 73.4 ± 3.6°F lbf	102	86
Low Temperature Flex °F max	-15	-13
Dimensional Stability % max	<0.5	<0.5
Compound Stability Temp F	215	215

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.