



ELASTOPHENE SP 3.0

ELASTOPHENE SP 3.0 (23C)

Order No. *

*Contact Customer Service Representative for Order Number and availability.

DESCRIPTION & APPLICATION

Elastophene SP 3.0 has a high brush Sanded topside and a Plastic burn-off film on the underside. The properly prepared, clean, dry and/or primed (where required) sanded topside surface allows for optional inner ply or a field cap membrane ply to be adhered with hot asphalt, cold adhesive or heat welding application methods. A self-adhesive cap sheet can also be installed when the sanded top surface is properly prepared with Soprema SA Primer and Soprema Sealant is applied to all side and end lap edges not having a bitumen bleed-out prior to application. The plastic burn-off film underside allows for the membrane to be heat welded to the properly prepared, clean, dry and/or primed (where required) substrate.

NOTE: Hot asphalt does not melt away the plastic film when hot mopping Elastophene SP 3.0. Poor adhesion, voids and delamination of the base sheet may occur in areas where asphalt or cold adhesive is applied onto the plastic burn-off film of the base ply.

See published Specifications and Approved Details.

COMPOSITION & PACKAGING

Product/ Property	ELASTOPHENE SP 3.0
Reinforcement	fiberglass
Elastomeric Bitumen	selected blend of bitumen and SBS thermoplastic polymers
Topside	sanded
Underside	plastic 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	85 lbs (38.6 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 I, Grade S	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	250	250
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.