



SOPRALENE 250 SP

SOPRALENE 250 SP (22B)

Order No. 00603

DESCRIPTION & APPLICATION

Sopralene 250 SP is designed for use in multi-layer modified bitumen roof systems and plaza waterproofing assemblies. Sopralene 250 SP base ply is composed of selected SBS modified bitumen applied onto a non-woven polyester reinforcement with film on the underside surface and sand on the topside surface.

The Sopralene field and flashing base membrane ply is adhered to a properly prepared, clean, dry and/or primed (where required) substrate by using the heat welding application method. Optional inner ply(s) or the field cap membrane ply is bonded to the properly prepared, clean, dry and/or primed (where required) Sopralene 250 SP surface with the hot asphalt or cold adhesive application methods.

See published Specifications and Approved Details.

COMPOSITION & PACKAGING

Product/ Property	SOPRALENE 250 SP
Reinforcement	polyester
Elastomeric Bitumen	selected blend of bitumen and SBS thermoplastic polymers
Topside	sanded
Underside	film
Approximate Nominal Thickness	156 mils (3.9 mm)
Approximate Roll Coverage	97.5 ft ² (9.1m 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	103 lbs (47 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 6164, Type II, Grade S	MD	XD
Tensile - Max Load at 0 ± 3.6°F lbf/in	159	111
Elongation at 0 ± 3.6°F %	33	28
Tensile - Max Load at 73.4 ± 3.6°F lbf/in	136	99
Elongation at 73.4 ± 3.6°F %	54	59
Tear Strength at 73.4 ± 3.6°F lbf	164	121
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.

Sopralene 250 SP is approved by FM Approvals for use in roof systems over insulated and non-insulated approved roof deck constructions, subject to FM conditions and limitations.

Sopralene 250 SP ballasted roof systems have been classified by Underwriters Laboratories as Class A roofing systems (TGFU Roof Systems) over insulated and non-insulated combustible and non-combustible roof decks.

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.