



SOPRALAST 50 TV ALU SANDED



SOPRALAST 50 TV ALU SANDED (57D) Order No. 05151

DESCRIPTION

SOPRALAST 50 TV ALU SANDED is a fiberglass scrim reinforced roofing membrane that contains selected SBS modified bitumen. This product has a sand underside and a metal facing on top. When hot asphalt applying, use a damp sponge or mop to cool the metal film immediately after application. This product may also be cold adhesive applied with low VOC adhesive. See published Specifications and Approved Details.

COMPOSITION & PACKAGING

Product/ Property	SOPRALAST 50 TV ALU SANDED
Reinforcement	Grid glass mat
Elastomeric Bitumen	selected blend of bitumen & SBS thermoplastic polymers
Top Surface	Aluminum
Bottom Surface	Sand
Approximate Nominal Thickness	160 mils (4 mm)
Approximate Roll Coverage	97.5 ft ² (9.1 m ²)
Side Lap	3.5" (90 mm)
End Lap	6" (152 mm)
Roll Length	33' (10 m)
Roll Width	39" (1 m)
Approximate Roll Weight	95 lbs (43 kg)
Rolls per Pallet*	25
*Rolls stocked upright on pallet	

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-9001:2008 Certified.

WARRANTY

Contact your local SOPREMA representative for project warranty offerings.



PHYSICAL PROPERTIES

Physical Property per ASTM D 6298	MD	XD
Tensile - Max Load at 0 ± 3.6°F lbf/in	200	175
Elongation at 0 ± 3.6°F %	12	10
Tensile - Max Load at 73.4 ± 3.6°F lbf/in	136	134
Elongation at 73.4 ± 3.6°F %	8	8
Tear Strength at 73.4 ± 3.6°F lbf	130	130
Low Temperature Flex °F max	-15	-15
Dimensional Stability % max	<0.2	<0.2
Compound Stability Temp F	225	225

Minimum values before and after Heat Conditioning
Test results for manufacturing plant in Wadsworth, OH

GENERAL

SOPREMA is a Certified ISO 9001:2008 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.