



SOPREMIUM 500 FR+ GR

SOPREMIUM 500 FR+ GR

Order No. *

*Contact Customer Service or your Sales Representative for order number and availability.

DESCRIPTION

Sopremium 500 FR+ GR membrane is composed of selected SBS modified bitumen applied onto a knitted fiberglass composite reinforcement and is produced with a high brush sanded underside and a granular surfaced topside. This product meets ASTM D 6162 Type III, Grade G criteria. See published Specifications and Approved Details.

COMPOSITION & PACKAGING

Product/ Property	SOPREMIUM 500 FR+ GR
Reinforcement	knitted composite of fiberglass/non-woven polyester
Elastomeric Bitumen	selected blend of bitumen and SBS thermoplastic polymers
Topside	granules
Underside	sanded
Approximate Nominal Thickness	160 mils (4.0 mm)
Approximately 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	114 lbs. (52 kg)
Rolls per Pallet*	25
*Rolls stocked upright on pallet	

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.



TECHNICAL INFORMATION

Physical Property per ASTM D 6162, Type III, Grade G	MD	XD
Max Load at 0 ± 3.6°F lbf/in	608	585
Elongation at 0 ± 3.6°F %	12	6
Max Load at 73.4 ± 3.6°F lbf/in	555.9	387.0
Elongation at 73.4 ± 3.6°F %	20%	11%
Tear Strength at 73.4 ± 3.6°F lbf	1,020.0	706.0
Low Temperature Flex °F max	-13	-13
Dimensional Stability % max	<0.5	<0.5
Compound Stability Temp F	250	250
Granule Embedment g/max	<2.0	<2.0

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.

WARRANTY

Contact your local SOPREMA representative for project warranty offerings.