

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

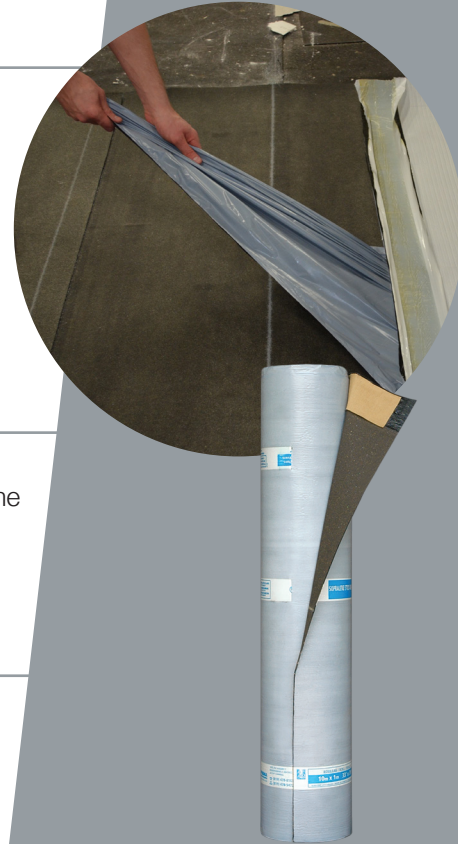
SOPRALENE Stick is an SBS-modified bitumen, self-adhered base ply for use in approved multi-ply membrane and flashing assemblies. SOPRALENE Stick is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen in combination with a high tack self-adhesive layer and is reinforced with tough, dimensionally stable non-woven polyester mat. The topside is surfaced with fine mineral aggregate to facilitate self-adhered, cold adhesive and hot asphalt applications and the underside is surfaced with protective polyolefin release film that is removed during application.

STORAGE

Store rolls on end and maintain in an upright position to prevent damage. Store rolls in a clean dry location and cover as necessary to protect rolls from environmental damage such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of SOPRALENE Stick.

APPLICATION

Prior to installation, unroll SOPRALENE Stick onto the roof surface and allow to relax. Place SOPRALENE Stick in desired position. Remove the protective release film from the underside of the sheet and roll SOPRALENE Stick into place with a weighted roller. Subsequent approved inter-ply or cap ply membranes are applied to SOPRALENE Stick via self-adhered, cold adhesive and hot asphalt applications. Refer to the SOPREMA SBS Roofing Manual for additional application guidelines.



APPLICATION



SELF-ADHERED

QUICK FACTS

ASTM STANDARD	LENGTH (ft)	WIDTH (in)	COVERAGE* (ft²)	THICKNESS (mils)	ROLL WEIGHT (lb)	ROLLS/PALLET (pallet weight)
D6164 Type 1, Grade S	49.2 (15.0 m)	39.4 (1.0 m)	147.6 (13.7 m²)	106 (2.7 mm)	103 (46.5 kg)	20 (2,100 lb/ 953 kg)

* Coverage rate as reported assumes installation using side and end lap recommendations.



SOPREMA®

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TECHNICAL INFORMATION & TESTING

SHEET PROPERTIES	
Reinforcement	Non-woven polyester
Elastomeric bitumen	Proprietary blend of bitumen and SBS polymers
Top surfacing	Sanded
Back surfacing	Self-adhered with release film
Selvage surface	Self-adhered with release film
Selvage width, in (mm)	3 in (76 mm)
End lap, in (mm)	6 in (152 mm)

DIMENSIONS & MASS		
PROPERTY		TEST METHOD
Thickness, mils (mm)	106 (2.7)	ASTM D5147
Net mass per unit area, lb/100ft ² (g/m ²)	63 (3098)	ASTM D5147

PHYSICAL PROPERTIES			
PROPERTY	MD	XMD	TEST METHOD
Peak load @ 0°F (-18°C), lbf/in (kN/m)	110 (19.3)	85 (14.9)	ASTM D5147
Elongation at peak load @ 0°F (-18°C), %	35	40	ASTM D5147
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	85 (14.9)	65 (11.4)	ASTM D5147
Elongation at peak load @ 73.4°F (23°C), %	55	60	ASTM D5147
Ultimate elongation @ 73.4°F (23°C), %	60	65	ASTM D5147
Tear strength @ 73.4°F (23°C), lbf (N)	125 (556)	85 (378)	ASTM D5147
Low temperature flexibility, °F (°C)	-15 (-26)	-15 (-26)	ASTM D5147
Dimensional stability, %	< 0.5	< 0.5	ASTM D5147
Compound stability, °F (°C)	240 (116)	240 (116)	ASTM D5147

* Data is represented by average values, unless noted otherwise.

TESTING & APPROVALS



FLORIDA BUILDING CODE

MIAMI-DADE COUNTY
APPROVED

