

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

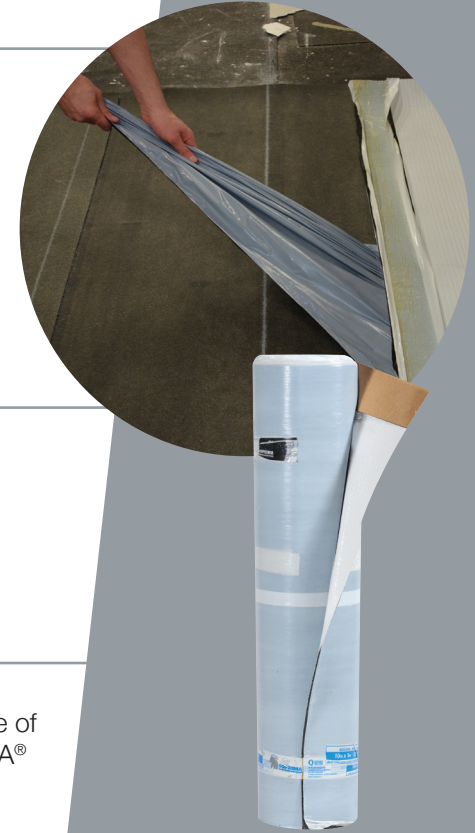
SOPRASTAR Stick is an SBS-modified bitumen cap ply for use in approved multi-ply membrane and flashing assemblies. SOPRASTAR Stick is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen and is reinforced with a tough, dimensionally stable composite polyester/glass fiber reinforcement. The topside is surfaced with a highly reflective white film and underside is surfaced with a protective polyolefin release film that is removed during application.

STORAGE & HANDLING

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 SOPRASTAR Stick.

APPLICATION

Prior to installation, unroll SOPRASTAR Stick onto the roof surface and allow to relax. Place SOPRASTAR Stick in desired position. Remove the protective release film from the underside of the sheet and roll SOPRASTAR Stick into place with a weighted roller. Refer to the SOPREMA® SBS Roofing Manual for additional application guidelines.



APPLICATION



SELF-ADHERED

COOL ROOF RATING

PRODUCT	SOLAR REFLECTANCE		THERMAL EMITTANCE		SRI	
	0.74 initial	0.72* 3 year	0.73 initial	0.73* 3 year	88 initial	85* 3 year
SOPRASTAR Stick	0.74 initial	0.72* 3 year	0.73 initial	0.73* 3 year	88 initial	85* 3 year

* CRRC Rapid Ratings. Refer to Cool Roof Ratings Council (CRRC).

QUICK FACTS

ASTM STANDARD	LENGTH (ft)	WIDTH (in)	COVERAGE* (ft²)	THICKNESS (mils)	ROLL WEIGHT (lb)	ROLLS/PALLET (pallet weight)
D6162 Type 1, Grade S	32.8 (10.0 m)	39.4 (1.0 m)	95.3 (8.9 m²)	130 (3.3 m)	77 (34.9 kg)	30 (2,360 lb/ 1,070 kg)

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



SOPREMA®

www.soprema.us
310 Quadral Drive, Wadsworth, Ohio 44281
Toll Free: (800) 356-3521 | Tel: (330) 334-0066

TECHNICAL INFORMATION & TESTING

SHEET PROPERTIES	
Reinforcement	Polyester/glass fiber composite mat
Elastomeric bitumen	Proprietary blend of bitumen and SBS polymers
Top surfacing	Reflective film
Back surfacing	Self-adhesive with release film
Selvage surface	Self-adhesive with release film
Selvage width, in (mm)	4 (102)
End lap, in (mm)	6 (152)

DIMENSIONS & MASS		
PROPERTY		TEST METHOD
Thickness, mils (mm)	130 (3.3)	ASTM D5147
Net mass per unit area, lb/100ft ² (g/m ²)	71.5 (3491)	ASTM D5147

PHYSICAL PROPERTIES			
PROPERTY	MD	XMD	TEST METHOD
Peak load @ 0°F (-18°C), lbf/in (kN/m)	125 (21.9)	105 (18.4)	ASTM D5147
Elongation at peak load @ 0°F (-18°C), %	45	50	ASTM D5147
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	105 (18.3)	90 (15.7)	ASTM D5147
Elongation at peak load @ 73.4°F (23°C), %	65	80	ASTM D5147
Ultimate elongation @ 73.4°F (23°C), %	70	90	ASTM D5147
Tear strength @ 73.4°F (23°C), lbf (N)	160 (712)	130 (578)	ASTM D5147
Low temperature flexibility, °F (°C)	-15 (-26)	-15 (-26)	ASTM D5147
Dimensional stability, %	< 0.2	< 0.2	ASTM D5147
Compound stability, °F (°C)	240 (116)	240 (116)	ASTM D5147

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

TESTING & APPROVALS

