

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

COLPHENE Stick GR (granules) is an SBS-modified bitumen cap ply for use in approved multi-ply membrane waterproofing and flashing assemblies. COLPHENE Stick GR is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen and is reinforced with tough, high quality random glass fiber mat. The topside is surfaced with ceramic coated granules and underside is surfaced with 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 COLPHENE Stick GR.

APPLICATION

Prior to installation, unroll COLPHENE Stick GR onto the roof surface and allow to relax. Place COLPHENE Stick GR in desired position. Remove the protective release film from the underside of the sheet and roll COLPHENE Stick GR into place with a weighted roller. 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)	WEIGHT (lb)	ROLLS/PALLET (pallet weight)
D6163 Type 1, Grade S	32.8 (10.0 m)	39.4 (1.0 m)	97.9 (9.1 m²)	134 (3.4 mm)	93 (42 kg)	25 (2375 lb/ 1077 kg)

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



SOPREMA®

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TECHNICAL INFORMATION & TESTING

SHEET PROPERTIES	
Reinforcement	Glass fiber
Elastomeric bitumen	Proprietary blend of bitumen and SBS polymers
Top surfacing	Ceramic coated granules
Back surfacing	Self-adhesive with release film
Selvage surface	Self-adhesive with release film
Selvage width, in (mm)	3 (76)
End lap, in (mm)	6 (152)

PHYSICAL PROPERTIES			
PROPERTY	MD	XMD	TEST METHOD
Peak load @ 0°F (-18°C), lbf/in (kN/m)	110 (19.3)	95 (16.6)	ASTM D5147
Elongation at peak load @ 0°F (-18°C), %	4	4	ASTM D5147
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	50 (8.8)	40 (7.0)	ASTM D5147
Elongation at peak load @ 73.4°F (23°C), %	5	4	ASTM D5147
Ultimate elongation @ 73.4°F (23°C), %	50	50	ASTM D5147
Tear strength @ 73.4°F (23°C), lbf (N)	60 (267)	60 (267)	ASTM D5147
Low temperature flexibility, °F (°C)	-15 (-26)	-15 (-26)	ASTM D5147
Dimensional stability, %	< 0.1	< 0.1	ASTM D5147
Compound stability, °F (°C)	250 (121)	250 (121)	ASTM D5147
Granule embedment, g	< 1.5 avg; 2.0 max for SG		ASTM E154
Puncture resistance, Lbf (N)	50 (222)		ASTM E154
Hydrostatic head pressure	Pass		ASTM D5385
Water vapor permeance, perms (ng/Pa•s•m ²)	< 0.004 (0.23)		ASTM E96 Procedure B

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

TESTING & APPROVALS



FLORIDA BUILDING CODE

