

ELASTOPHENE®

STICK HR FR GR

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STICK HR FR GR
PRODUCT # 07055 (WH)
05018 (SG)

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

ELASTOPHENE STICK HR FR GR (high resistance, fire retardant, granules) is an SBS-modified bitumen cap ply for use in approved multi-ply membrane and flashing assemblies. ELASTOPHENE STICK HR FR GR is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen and is reinforced with tough, dimensionally stable composite glass/glass fiber reinforcement. The topside is surfaced with ceramic coated granules and underside is surfaced with protective polyolefin release film that is removed during application.

ELASTOPHENE Stick HR FR GR includes the standard white granules. Contact SOPREMA® Customer Service or your sales representative for other granule color options and special order requirements.

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 ELASTOPHENE STICK HR FR GR.

APPLICATION

Prior to installation, unroll ELASTOPHENE STICK HR FR GR onto the roof surface and allow to relax. Place ELASTOPHENE STICK HR FR GR in desired position. Remove the protective release film from the underside of the sheet and roll ELASTOPHENE STICK HR FR GR 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	
ELASTOPHENE Stick HR FR GR (WH) Standard white granules	0.26 initial	0.23 3 year	0.87 initial	0.90 3 year	25 initial	23 3 year
ELASTOPHENE Stick HR FR GR (SG) Highly reflective white granules	0.65 initial	0.62* 3 year	0.91 initial	0.91* initial	80 initial	75 3 year

QUICK FACTS

ASTM STANDARD	LENGTH (ft)	WIDTH (in)	COVERAGE* (ft²)	THICKNESS (mils)	ROLL WEIGHT (lb)	ROLLS/PALLET (pallet weight)
D6163 Type 2, Grade G	32.8 (10.0 m)	39.4 (1.0 m)	97.9 (9.1 m²)	138 (3.5 m)	88 (40 kg)	25 (2,250 lb 1,020 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 grid
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)

DIMENSIONS & MASS		
PROPERTY		TEST METHOD
Thickness, mils (mm)	138 (3.5)	ASTM D5147
Thickness @ selvage, mils (mm)	102 (2.6)	ASTM D5147
Net mass per unit area, lb/100ft ² (g/m ²)	81.4 (3972)	ASTM D5147

PHYSICAL PROPERTIES			
PROPERTY	MD	XMD	TEST METHOD
Peak load @ 0°F (-18°C), lbf/in (kN/m)	185 (32.5)	165 (28.9)	ASTM D5147
Elongation at maximum load @ 0°F (-18°C), %	6	6	ASTM D5147
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	110 (19.4)	105 (18.5)	ASTM D5147
Elongation at maximum load @ 73.4°F (23°C), %	10	10	ASTM D5147
Ultimate elongation @ 73.4°F (23°C), %	60	45	ASTM D5147
Tear strength @ 73.4°F (23°C), lbf (N)	180 (801)	190 (845)	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)	240 (116)	240 (116)	ASTM D5147
Granule embedment, g	1.5 avg; 2.0 maximum for SG		ASTM D5147

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

TESTING & APPROVALS

