

ELASTOPHENE® STICK FR GR

Self-Adhered, Fire Retardant, Granulated SBS-Modified Bitumen Membrane



APPLICATIONS

ROOFING

PRODUCT DATA SHEET PDS10037- REV 230626

PRODUCT NUMBERS:

- 06361 - 32.8 ft x 39.4 in (10.0 x 1.0 m) - Roll
Standard white granules (WH)
- 05012 - 32.8 ft x 39.4 in (10.0 x 1.0 m) - Roll
Highly reflective white granules (SG)

Contact SOPREMA® Customer Service or your sales representative for other granule color options and special order requirements.

DESCRIPTION & FEATURES:

ELASTOPHENE STICK FR GR (fire retardant, granules) is a self-adhered SBS-modified bitumen membrane approved for use in roofing assemblies as a cap ply. **ELASTOPHENE STICK FR GR** is reinforced with a glass fiber mat that is saturated and coated on both sides with a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen.

- Specially formulated high-tack adhesive forms an immediate long-lasting bond to a variety of substrates
- Granule surfacing provides added resistance to weathering and foot traffic
- Reinforced with a glass fiber mat that increases the membrane's strength and durability
- Meets or exceeds requirements of ASTM D6163, Type I, Grade G

USES:

ELASTOPHENE STICK FR GR is used as a component in the following systems.

USE	OVERLYING MATERIAL
Field Cap Ply	N/A

¹ Refer to SOPREMA's SBS-Modified Bitumen Roofing Membrane Technical Manual

APPLICATION:



SELF
ADHERED

Prior to installation, unroll **ELASTOPHENE STICK FR GR** onto the roof surface and allow to relax. Place **ELASTOPHENE STICK FR GR** in desired position. Remove the protective release film from the underside of the sheet and roll **ELASTOPHENE STICK FR GR** into place with a weighted roller.

Refer to the SOPREMA SBS-Modified Bitumen Membrane Roofing Technical Manual for complete application guidelines.

STORAGE:

Store rolls in an upright position to prevent damage, do not double stack pallets. Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture. Storage temperature range should be between 55°F (12.8°C) and 80°F (26.7°C). For prolonged storage please store indoors at recommended temperatures. Approximate shelf life is 12 months from date of manufacturing when properly stored.

LIMITATIONS:

Adequate surface preparation is the key to proper adhesion. Ensure all substrates are clean, dry and receive the specified self-adhesive primer.

Ambient and surface temperatures must be between 40°F (4°C) and below 110°F (43°C). Do not attempt application if ice, snow, moisture or dew are present. Temperatures should be a minimum of 5 degrees above the dew point.

Not intended to perform under ponding water conditions. Positive drainage required.



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TECHNICAL INFORMATION & TESTING:

SHEET PROPERTIES	
PROPERTY	VALUE
Elastomeric bitumen	Proprietary blend of bitumen and SBS polymers
ASTM Standard	D6163, Type I, Grade G
Reinforcement	Glass fiber
Top surfacing	Ceramic coated granules
Back surfacing	Self-adhered with release film
Selvage surfacing	Self-adhered with release film
Selvage width, in (mm)	3 (76)

DIMENSIONS & MASS		
PROPERTY	VALUE	ASTM TEST METHOD
Length, ft (m)	32.8 (10.0)	D5147
Width, in (m)	39.4 (1.0)	D5147
Coverage,* ft ² (m ²)	97.9 (9.1)	D5147
Roll weight, lb (kg)	91-93 (41.3-42.2)	D5147
Rolls per pallet	25	D5147
Pallet weight, lb (kg)	2,325-2,375 (1,055-1,078)	D5147
Thickness (minimum), mils (mm)	134 (3.4)	D5147
Thickness (nominal), mils (mm)	142 (3.6)	D5147
Thickness (selvage), mils (mm)	102 (2.6)	D5147
Net mass per unit area, lb/100 ft ² (g/m ²)	86.4 (4,218)	D5147
Bottom coating thickness, mils (mm)	≥ 40 (1.0)	D5147
Shelf life, months	12	D5147

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

PHYSICAL PROPERTIES			
PROPERTY	MD	XMD	ASTM TEST METHOD
Peak load @ 0°F (-18°C), lbf/in (kN/m)	110 (19.3)	95 (16.6)	D5147
Elongation at peak load @ 0°F (-18°C), %	4	4	D5147
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	50 (8.8)	40 (7.0)	D5147
Elongation at peak load @ 73.4°F (23°C), %	5	4	D5147
Ultimate Elongation @ 73.4°F (23°C), %	50	50	D5147
Tear strength @ 73.4°F (23°C), lbf (N)	60 (267)	60 (267)	D5147
Low temperature flexibility, °F (°C)	-15 (-26)	-15 (-26)	D5147
Dimensional stability, %	< 0.1	< 0.1	D5147
Compound stability, °F (°C)	250 (121)	250 (121)	D5147
Granule embedment, g	1.5 avg; 2.0 max for SG		D5147

Data is represented by average values, unless noted otherwise.



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SUSTAINABILITY



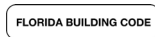
COOL ROOF RATING

PRODUCT	SOLAR REFLECTANCE		THERMAL EMITTANCE		SRI	
ELASTOPHENE STICK FR GR Standard white granules (WH)	0.26 initial	0.23 3 year	0.87 initial	0.90 3 year	25 initial	23 3 year
ELASTOPHENE STICK FR GR Highly reflective white granules (SG)	0.70 initial	0.62* 3 year	0.90 initial	0.90* 3 year	85 initial	74* 3 year

CRRC published results for Solar Reflectance, Thermal Emittance and SRI results were tested and evaluated in accordance with ASTM C1549, C1371, E1980, D7897 and the CRRC-1 Product Rating Program Manual.

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

TESTING & APPROVALS:



NOA # 20-0825.11



WARRANTY:

For more information refer to www.SOPREMA.us or contact your SOPREMA representative.