

ELASTOPHENE® ULTRA-STICK FR GR

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

PRODUCT DATA SHEET PDS10357 - REV 230626



APPLICATIONS

ROOFING

PRODUCT NUMBERS:

- 01436 - 32.8 ft x 39.4 in (10.0 x 1.0 m) - Roll
Standard white granules (WH)

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

DESCRIPTION & FEATURES:

ELASTOPHENE ULTRA-STICK FR GR is a self-adhered SBS-modified bitumen membrane approved for use in roofing assemblies as a cap ply. **ELASTOPHENE ULTRA-STICK FR GR** is reinforced with a tough 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
- Reinforced with a glass scrim that increases the membrane's strength and durability
- Granule surfacing provides added resistance to weathering and foot traffic
- Meets or exceeds requirements of ASTM D6163, Type I, Grade G

USES:

ELASTOPHENE ULTRA-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 ULTRA-STICK FR GR** onto the roof surface and allow to relax. Place **ELASTOPHENE ULTRA-STICK FR GR** in desired position. Remove the protective release film from the underside of the sheet and roll **ELASTOPHENE ULTRA-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 have received the specified self-adhesive primer. NOTE: when self-adhering to an ULTRA-STICK base ply or base sheet use of a primer is prohibited.

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	Embossed split-back release film
Selvage surfacing	Polyolefin 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)	100 (45.3)	D5147
Rolls per pallet	16	D5147
Pallet weight, lb (kg)	1,650 (747)	D5147
Thickness (minimum), mils (mm)	130 (3.3)	D5147
Thickness (nominal), mils (mm)	138 (3.5)	D5147
Thickness (selvage), mils (mm)	98 (2.5)	D5147
Net mass per unit area, lb/100 ft ² (g/m ²)	91.6 (4,473)	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 @ 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)	100 (445)	80 (356)	D5147
Low temperature flexibility, °F (°C)	-15 (-26)	-15 (-26)	D5147
Dimensional stability, %	< 0.1	< 0.1	D5147
Compound stability, °F (°C)	240 (116)	240 (116)	D5147
Granule embedment, g	1.5 avg		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 ULTRA-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

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.

TESTING & APPROVALS:



FLORIDA BUILDING CODE



NOA # 20-0825.11

WARRANTY:

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