

ELASTOPHENE[®] STICK

Self-Adhered SBS-Modified Bitumen Membrane



APPLICATIONS

ROOFING

PRODUCT DATA SHEET PDS10036- REV 230608

PRODUCT NUMBERS:

- 00571 - 49.2 ft x 39.4 in (15.0 x 1.0 m) - Roll

DESCRIPTION & FEATURES:

ELASTOPHENE STICK is a self-adhered SBS-modified bitumen membrane approved for use in roofing assemblies. **ELASTOPHENE STICK** 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
- Sanded-surfacing improves bonding strength between system layers
- Reinforced with a glass fiber mat that increases the membrane's strength and durability
- Meets or exceeds requirements of ASTM D6163, Type I, Grade S

USES:

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

USE	OVERLYING MATERIAL
Field Base Ply	Cold-Applied Modified Bitumen ¹
	Self-Adhered Modified Bitumen ¹
	Adhered PVC (fleece-back) ²
	Liquid-Applied PMMA/PMA
Vapor Retarder	Rigid Insulation ³
	Lightweight Concrete ³

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

² Refer to SOPREMA's PVC/SBS Hybrid Membrane Roofing Technical Manual

³ Refer to SOPREMA's Vapor Retarder Technical Manual, Low-Slope Roofing

APPLICATION:



SELF
ADHERED

Prior to installation, unroll **ELASTOPHENE STICK** onto the roof surface and allow to relax. Place **ELASTOPHENE STICK** in desired position. Remove the protective release film from the underside of the sheet and roll **ELASTOPHENE STICK** 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 S
Reinforcement	Glass fiber
Top surfacing	Sanded
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)	49.2 (15.0)	D5147
Width, in (m)	39.4 (1.0)	D5147
Coverage,* ft² (m²)	147.6 (13.7)	D5147
Roll weight, lb (kg)	74 (33.4)	D5147
Rolls per pallet	30	D5147
Pallet weight, lb (kg)	2,270 (1,025)	D5147
Thickness (minimum), mils (mm)	79 (2.0)	D5147
Thickness (nominal), mils (mm)	87 (2.2)	D5147
Net mass per unit area, lb/100 ft² (g/m²)	45.5 (2,220)	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)	100 (17.5)	90 (15.8)	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), %	45	45	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

Data is represented by average values, unless noted otherwise.

TESTING & APPROVALS:

WARRANTY:



LARR # 26062

FLORIDA BUILDING CODE



NOA # 20-0825.11



Please refer to www.SOPREMA.us or contact us at 800.356.3521 for more information.