

ELASTOPHENE[®] ULTRA-STICK

Self-Adhered SBS-Modified Bitumen Membrane

PRODUCT DATA SHEET PDS10358 - REV 230214



APPLICATIONS

ROOFING

PRODUCT NUMBERS:

- 01435 - 49.2 ft x 39.4 in (15.0 x 1.0 m) - Roll

DESCRIPTION & FEATURES:

ELASTOPHENE ULTRA-STICK is a self-adhered SBS-modified bitumen membrane approved for use in roofing assemblies as a base ply. **ELASTOPHENE ULTRA-STICK** 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 to a variety of substrates
- Surfaced with polyolefin burn-off film to optimize heat welding of subsequent modified bitumen membranes
- 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 FLAM STICK is used as a component in the following systems.

USE	OVERLYING MATERIAL
Field Base Ply	Self-Adhered Modified Bitumen ¹

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

² Approved Self-Adhered membranes include: ELASTOPHENE ULTRA-STICK, SOPRALENE ULTRA-STICK, ELASTOPHENE ULTRA-STICK FR GR, or SOPRALENE ULTRA-STICK FR GR.

APPLICATION:



SELF
ADHERED

Prior to installation, unroll **ELASTOPHENE ULTRA-STICK** onto the roof surface and allow to relax. Place **ELASTOPHENE ULTRA-STICK** in desired position. Remove the protective release film from the underside of the sheet and roll **ELASTOPHENE ULTRA-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 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 S
Reinforcement	Glass fiber
Top surfacing	Permanent Surface Film
Back surfacing	Embossed Release Film

DIMENSIONS & MASS

PROPERTY	VALUE	ASTM TEST METHOD
Length , ft (m)	49.2 (15.0)	D5147
Width , in (m)	39.4 (1.0)	D5147
Coverage ,* ft ² (m ²)	147.6 (13.7)	D5147
Roll weight , lb (kg)	101 (46)	D5147
Rolls per pallet	16	D5147
Pallet weight , lb (kg)	1,666 (756)	D5147
Thickness , mils (mm)	102 (2.6)	D5147
Net mass per unit area , lb/100 ft ² (g/m ²)	50.2 (2,449.3)	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)	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)	240 (116)	240 (116)	D5147

Data is represented by average values, unless noted otherwise.

TESTING & APPROVALS:



NOA # 20-0825.11



WARRANTY:

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