

ELASTOPHENE® SP 2.2

Heat-Welded, Sanded-Surfaced SBS-Modified Bitumen Membrane



APPLICATIONS

ROOFING

PRODUCT DATA SHEET PDS10016 - REV 230106

PRODUCT NUMBERS:

- 00490 - 49.2 ft x 39.4 in (15.0 x 1.0 m) - Roll

DESCRIPTION & FEATURES:

ELASTOPHENE SP 2.2 (sanded, polyolefin) is a SBS-modified bitumen membrane used in roofing assemblies. **ELASTOPHENE SP 2.2** 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.

- SBS rubber polymer enhances the asphalt blend adding elongation, elasticity and flexibility to the sheet
- Reinforced with a glass fiber mat that increases the membrane's strength and durability
- Backed with a polyolefin burn-off film to optimize heat welding
- Sanded-surfacing improves bonding strength between system layers
- Meets or exceeds requirements of ASTM D6163, Type I, Grade S

USES:

ELASTOPHENE SP 2.2 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/KEE (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:



Prior to installation, unroll **ELASTOPHENE SP 2.2** onto the roof surface and allow to relax. Position **ELASTOPHENE SP 2.2** in desired position and back roll the product. **ELASTOPHENE SP 2.2** is then heat welded to approved substrates. Subsequent approved inter-ply or cap ply membranes are applied to **ELASTOPHENE SP 2.2** via cold adhesive.

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. Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture.

TESTING & APPROVALS:



FLORIDA BUILDING CODE

MIAMI-DADE COUNTY
APPROVED

NOA # 20-0825.11



WARRANTY:

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



ELASTOPHENE® SP 2.2

Heat-Welded, Sanded-Surfaced SBS-Modified Bitumen Membrane



APPLICATIONS

ROOFING

PRODUCT DATA SHEET PDS10016 - REV 230106

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	Polyolefin film
Selvage surfacing	Polyolefin 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,* ft ² (m ²)	147.6 (13.7)	D5147
Roll weight, lb (kg)	95 (43.1)	D5147
Rolls per pallet	30	D5147
Pallet weight, lb (kg)	1,595 (723.5)	D5147
Thickness, mils (mm)	87 (2.2)	D5147
Thickness @ selvage, mils (mm)	78 (2.0)	D5147
Net mass per unit area, lb/100 ft ² (g/m ²)	62.6 (3,054)	D5147
Bottom coating thickness, mils (mm)	≥ 40 (1.0)	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.