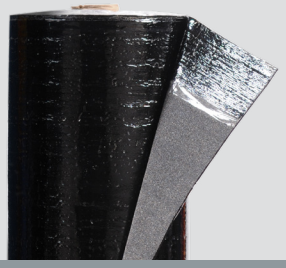
ELASTOPHENE® SP 2.2

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



PRODUCT DATA SHEET PDS10016 - REV 230607

APPLICATIONS

ROOFING

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:

HEAT WELDED

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:

FM APPROVED

CLASSIFIED UL

FLORIDA BUILDING CODE

MIAMI-DADE COUNTY APPROVED

NOA # 20-0825.11

EQUAL HOUSING OPPORTUNITY

HUD MR 1340

CITY LA DBS DEPARTMENT OF BUILDING AND SAFETY

LARR # 26062

WARRANTY:

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

SOPREMA®

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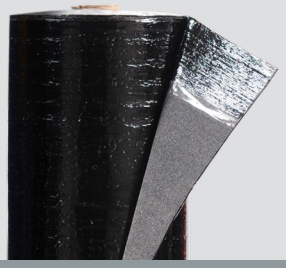

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TECHNICAL INFORMATION & TESTING:

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	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,* ft² (m²)	147.6 (13.7)	D5147
Roll weight, lb (kg)	95 (43.2)	D5147
Rolls per pallet	30	D5147
Pallet weight, lb (kg)	2,900 (1,319)	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)	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.