

# ELASTOPHENE®

## PS 2.2

ELASTOPHENE® PS 2.2  
PRODUCT # 00500

## PRODUCT DATA SHEET

### DESCRIPTION & FEATURES

ELASTOPHENE PS 2.2 is an SBS-modified bitumen base ply for use in approved multi-ply membrane and flashing assemblies. ELASTOPHENE PS 2.2 is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen and is reinforced with high quality random glass fiber mat. The topside is surfaced with polyolefin burn-off film and the underside is surfaced with fine mineral aggregate to facilitate cold adhesive and hot asphalt applications.

### STORAGE & HANDLING

Store rolls on end and maintain in an upright position to prevent damage. Store rolls in a clean dry location and cover as necessary to protect rolls from environmental damage such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of ELASTOPHENE PS 2.2.

### APPLICATION

Prior to installation, unroll ELASTOPHENE PS 2.2 onto the roof surface and allow to relax. Place ELASTOPHENE PS 2.2 in desired position and back roll the product. Apply approved cold adhesive or hot asphalt following manufacturer specifications. ELASTOPHENE PS 2.2 is then rolled into the cold adhesive or hot asphalt and subsequently rolled with a weighted roller. Subsequent approved inter-ply or cap ply membranes are applied to ELASTOPHENE PS 2.2 via heat welding. Refer to the SOPREMA SBS Roofing Manual for additional application guidelines.



APPLICATION



COLD ADHESIVE



HOT ASPHALT

QUICK FACTS

ASTM STANDARD	LENGTH (ft)	WIDTH (in)	COVERAGE* (ft <sup>2</sup> )	THICKNESS (mils)	ROLL WEIGHT (lb)	ROLLS/PALLET (pallet weight)
D6163 Type 1, Grade S	49.2 (15.0 m)	39.4 (1.0 m)	147.6 (13.7 m <sup>2</sup> )	87 (2.2 m)	104 (47.1 kg)	30 (3170 lb/ 1438 kg)

\* Coverage rate as reported assumes installation using side and end lap recommendations.



**SOPREMA®**

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## TECHNICAL INFORMATION & TESTING

SHEET PROPERTIES	
Reinforcement	Glass fiber
Elastomeric bitumen	Proprietary blend of bitumen and SBS polymers
Top surfacing	Polyolefin film
Back surfacing	Sanded
Selvage surface	Sanded
Selvage width, in (mm)	3 (76)
End lap, in (mm)	6 (152)

DIMENSIONS & MASS		
PROPERTY		TEST METHOD
Thickness, mils (mm)	87 (2.2)	ASTM D5147
Net mass per unit area, lb/100ft <sup>2</sup> (g/m <sup>2</sup> )	64 (3140)	ASTM D5147

PHYSICAL PROPERTIES			
PROPERTY	MD	XMD	TEST METHOD
Peak load @ 0°F (-18°C), lbf/in (kN/m)	100 (17.5)	90 (15.8)	ASTM D5147
Elongation at peak load @ 0°F (-18°C), %	4	4	ASTM D5147
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	50 (8.8)	40 (7.0)	ASTM D5147
Elongation at peak load @ 73.4°F (23°C), %	5	4	ASTM D5147
Ultimate elongation @ 73.4°F (23°C), %	45	45	ASTM D5147
Tear strength @ 73.4°F (23°C), lbf (N)	60 (267)	60 (267)	ASTM D5147
Low temperature flexibility, °F (°C)	-15 (-26)	-15 (-26)	ASTM D5147
Dimensional stability, %	< 0.1	< 0.1	ASTM D5147
Compound stability, °F (°C)	250 (121)	250 (121)	ASTM D5147

\* Data is represented by average values, unless noted otherwise.

## TESTING & APPROVALS



FLORIDA BUILDING CODE

MIAMI-DADE COUNTY  
APPROVED

