

ELASTOPHENE PS



WATERPROOFING

APPLICATIONS

ROOFS

TECHNICAL DATA SHEET 240214SCANE

(supersedes 230927SCANE)

DESCRIPTION

ELASTOPHENE PS is a base sheet membrane composed of SBS modified bitumen and a glass mat reinforcement. The surface is covered with a thermofusible plastic film and the underface is sanded.

INSTALLATION

HOT BITUMEN

ELASTOPHENE PS is unrolled in a bed of hot bitumen (SEBS or oxidized) applied with a mop.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

GENERAL INFORMATION

Specifications	ELASTOPHENE PS
Reinforcement	Glass mat
Dimensions	15 x 1 m (49 x 3.3 ft)
Selvedge width	75 mm (3 in)
Surface	Thermofusible plastic film
Underface	Sanded

(All values are nominal)



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NOTE: All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.



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PROPERTIES

Properties	ELASTOPHENE PS		CSA A123.23 Type A, Grade 3 Requirements
	BEFORE Heat Conditioning	AFTER Heat Conditioning	
Thickness, min.	2.2 mm (87 mils)		2.0 mm (80 mils)
Selvage thickness, min.	2.2 mm (87 mils)		2.0 mm (80 mils)
Mass per unit area, min.	4.0 kg/m ² (80 lb/100 ft ²)		2.2 kg/m ² (45 lb/100 ft ²)
Strain energy, min. MD/XD, at 23 °C ± 2 °C (73.4 °F ± 3.6 °F) at -18 °C ± 2 °C (0 °F ± 3.6 °F)	0.5/0.45 kN/m (2.8/2.6 lbf/in) 0.4/0.4 kN/m (2.3/23 lbf/in)	0.4/0.3 kN/m (2.3/1.7 lbf/in) 0.4/0.3 kN/m (2.3/1.7 lbf/in)	Report value Report value
Peak load, min. MD/XD, at 23 °C ± 2 °C (73.4 °F ± 3.6 °F) at -18 °C ± 2 °C (0 °F ± 3.6 °F)	13/8 kN/m (74/46 lbf/in) 21/21 kN/m (120/120 lbf/in)	18/12 kN/m (103/68 lbf/in) 21/18 kN/m (120/103 lbf/in)	5.3 kN/m (30 lbf/in) 12.3 kN/m (70 lbf/in)
Elongation at peak load, min. MD/XD, at 23 °C ± 2 °C (73.4 °F ± 3.6 °F) at -18 °C ± 2 °C (0 °F ± 3.6 °F)	4/3% 4/4%	4/4% 3/3%	2/2% 1/1%
Ultimate elongation, MD/XD, at 23 °C ± 2 °C (73.4 °F ± 3.6 °F)	21/27%	5/5%	3/3%
Dimensional stability, max. MD/XD	±0.2/±0.2%		0.5%
Low temperature flexibility, max. MD/XD	-18/-18 °C (-0.4/-0.4 °F)	-18/-18 °C (-0.4/-0.4 °F)	-18 °C (-0.4 °F)
Compound stability	107/107 °C (225/225 °F)		min. 91 °C (195 °F)

(All values are nominal)

STORAGE AND HANDLING

Rolls must be stored upright, with the selvage side on top. If the products are stored outdoors, cover them with an opaque protection cover after removal of the delivery packaging.



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