



WATERPROOFING

APPLICATIONS

ROOFS

ELASTOPHENE FLAM

TECHNICAL DATA SHEET 200316SCANE

(supersedes 030610CAN8E)

DESCRIPTION

ELASTOPHENE FLAM is a base sheet membrane composed of SBS modified bitumen and a glass mat reinforcement. Both sides are covered with a thermofusible plastic film.

INSTALLATION

HEAT-WELDED

ELASTOPHENE FLAM membrane is heat-welded with a propane torch.

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

PACKAGING

Specifications	ELASTOPHENE FLAM
Thickness	3.0 mm (118 mils)
Reinforcement	Glass mat
Dimensions	10 x 1 m (33 x 3.3 ft)
Weight	3.8 kg/m ² (0.8 lb/ft ²)
Selvedge width	75 mm (3 in)
Surface	Thermofusible plastic film
Underface	Thermofusible plastic film

(All values are nominal)



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PROPERTIES

As per CSA A123.23-15, Type A, Grade 3.

Properties	ELASTOPHENE FLAM	
	BEFORE Heat Conditioning	AFTER Heat Conditioning
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 (2.3/2.3 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)
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)
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 %
Ultimate elongation, MD/XD At 23 °C ± 2 °C (73.4 °F ± 3.6 °F)	21/27 %	5/5 %
Dimensional stability, max MD/XD	±0.2/±0.2 %	
Low temperature flexibility, max MD/XD	-18/-18 °C (0/0 °F)	-18/-18 °C (0/0 °F)
Compound stability at 91 °C (196 °F)	107/107 °C (225/225 °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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2/2