Formerly known as SOPRALENE FLAM STICK

SOPRAPLY FLAM STICK

TECHNICAL DATA SHEET 200316SCANE (supersedes 140220SCAN1E)

WATERPROOFING

APPLICATIONS

ROOFS

DESCRIPTION

SOPRAPLY FLAM STICK is a high performance base sheet membrane composed of SBS modified bitumen and a composite reinforcement. The surface is covered with a thermofusible plastic film and the self-adhesive underface is covered with a silicone release film.

SURFACE PREPARATION

Surfaces must be clean, dry and free of loose particles. The membrane is installed over the substrate previously primed with one of the ELASTOCOL STICK primers.

INSTALLATION

SELF-ADHESIVE

SOPRAPLY FLAM STICK is adhered to the substrate by peeling off the release silicone release film.

Once the membrane is in place, apply pressure over the whole surface using a membrane roller to ensure a complete and uniform adhesion.

When completing the end lap, burn the plastic film over the last 150 mm (6 in) of the membrane before installing the next membrane.

Application temperatures summer grade: 10 °C (50 °F)
Application temperatures winter grade: -10 °C (14 °F)

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

PACKAGING

Specifications	SOPRAPLY FLAM STICK
Thickness	3.0 mm (118 mils)
Reinforcement	Composite
Dimensions	10 x 1 m (33 x 3.3 ft)
Weight	3.5 kg/m^2 (0.7 lb/ft^2)
Selvedge width	75 mm (3 in)
Surface	Thermofusible plastic film
Underface	Self-adhesive, covered with a silicone release film

(All values are nominal)

TDS_SOPRAPLY_FLAM_STICK.indd

SYSTÈME QUALITÉ ISO 9001 QUALITY SYSTEM

SYSTÈME ENVIRONNEMENT ISO 14001 ENVIRONMENT SYSTEM

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PROPERTIES

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

Properties	SOPRAPLY FLAM STICK	
	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)	 8/6.5 kN/m (46/37 lbf/in) 8/7 kN/m (46/40 lbf/in)	 7/6 kN/m (40/34 lbf/in) 6.5/6 kN/m (37/34 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)	 17/14 kN/m (97/80 lbf/in) 22/19 kN/m (126/108 lbf/in)	 18/15 kN/m (103/86 lbf/in) 22/17 kN/m (126/97 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)	 55/55 % 45/45 %	 50/50% 35/35 %
Ultimate elongation, MD/XD At 23 °C ± 2 °C (73.4 °F ± 3.6 °F)	65/65 %	55/55 %
Dimensional stability, max MD/XD	±0.2/±0.2 %	
Low temperature flexibility, max MD/XD	-27/-27 °C (-17/-17 °F)	-18/-18 °C (0/0 °F)
Compound stability at 91 °C (196 °F)	121/121 °C (250/250 °F)	
Resistance to puncture	Pass	

(All values are nominal)

STORAGE AND HANDLING

Rolls must be stored upright, with the selvedge 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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