SOPRAFLASH
STICK

WATERPROOFING

APPLICATIONS

ROOFS

TECHNICAL DATA SHEET 240214SCANE (supersedes 230927SCANE)

DESCRIPTION

SOPRAFLASH STICK is a base sheet membrane composed of SBS modified bitumen and a glass mat reinforcement. The surface is sanded 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

SOPRAFLASH STICK is adhered to the substrate by peeling off the 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, apply ELASTOCOL STICK primer over the last 150 mm (6 in) of the membrane before installing the next membrane.

Finish the application by welding the last 25 mm (1 in) of the side lap using an electric hot-air welder and a membrane roller. The use of an automatic hot-air welder will greatly increase the speed and quality of the seal.

Note : When the cap sheet is installed on the same day, it is not necessary to weld the laps, as long as their full widths are primed.

Minimum application temperature : 0 °C (32 °F).

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

GENERAL INFORMATION

Specifications	SOPRAFLASH STICK
Reinforcement	Glass mat
Dimensions	15 x 1 m (49 x 3.3 ft)
Selvedge width	100 mm (4 in)
Surface	Sanded
Underface	Self-adhesive, covered with a silicone release film

(All values are nominal)

SOPRAFLASH STICK

TECHNICAL DATA SHEET 240214SCANE (supersedes 230927SCANE)

WATERPROOFING

APPLICATIONS

ROOFS

PROPERTIES

Properties	SOPRAFLASH STICK		CSA A123.23 Type A, Grade 3 Requirements
	BEFORE Heat Conditioning	AFTER Heat Conditioning	
Thickness, min.	2.5 mm (98 mils)		2.0 mm (80 mils)
Selvedge thickness, min.	2.25 mm (89 mils)		2.0 mm (80 mils)
Mass per unit area, min.	2.9 kg/m² (60 lb/100 ft²)		2.2 kg/m² (45 lb/100 ft²)
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)*	1/1 kN/m (5.7/5.7 lbf/in) 0.5/0.5 kN/m (2.8/2.8 lbf/in)	2.1/0.5 kN/m (12/2.8 lbf/in) 0.5/0.4 kN/m (2.8/2.3 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)*	12/13.5 kN/m (69/77 lbf/in) 23/21 kN/m (131/120 lbf/in)	18/16 kN/m (103/91 lbf/in) 21/21 kN/m (120/120 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)*	6/7% 4/4%	8/5% 3/4%	2/2% 1/1%
Ultimate elongation, MD/XD, *at 23 °C ± 2 °C (73.4 °F ± 3.6 °F)*	35/30%	10/7%	3/3%
Dimensional stability, max. MD/XD	±0.3/±0.1%		0.5%
Low temperature flexibility, max. MD/XD	-30/-30 °C (-22/-22 °F)	-18/-18 °C (-0.4/-0.4 °F)	-18 °C (-0.4 °F)
Compound stability	91/91 °C (195/195 °F)		min. 91 °C (195 °F)
Water vapour transmission, *as per ASTM E96 (Procedure B)*	< 2.5 ng/Pa•s•m² (< 0.04 perm)		N/A

(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.