

# SOPRAFLASH STICK DUO

TECHNICAL DATA SHEET 240214SCANE

(supersedes 230927SCANE)



WATERPROOFING

APPLICATIONS

ROOFS

## DESCRIPTION

SOPRAFLASH STICK DUO 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.

SOPRAFLASH STICK DUO is provided with DUO SELVEDGE technology which allows the immediate sealing of the membrane along side laps.

## 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 DUO 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.

**Minimum application temperatures:** 0 °C (32 °F).

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

## GENERAL INFORMATION

Specifications	SOPRAFLASH STICK DUO
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)



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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	SOPRAFLASH STICK DUO		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)
Selvage thickness, min.	2.2 mm (87 mil)		2.0 mm (80 mils)
Mass per unit area, min.	3.0 kg/m <sup>2</sup> (60 lb/100 ft <sup>2</sup> )		2.2 kg/m <sup>2</sup> (45 lb/100 ft <sup>2</sup> )
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•m <sup>2</sup> (< 0.04 perm)		N/A

(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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