



WATERPROOFING

APPLICATIONS

ROOFS

# SOPRAPLY TRAFFIC CAP PLUS G/P 4.0 (FR)

TECHNICAL DATA SHEET 200813SCANE

(supersedes 200623SCANE)

## DESCRIPTION

SOPRAPLY TRAFFIC CAP PLUS G/P 4.0 is a high performance cap sheet membrane composed of SBS modified bitumen and a composite reinforcement. The surface is protected by coloured granules and the underface is covered with a thermofusible plastic film.

Fire rated (FR) cap sheet membrane (SOPRAPLY TRAFFIC CAP PLUS G/P 4.0 FR) is available to increase fire resistance. This membrane meets the requirements of CAN/ULC-S107 Class A standard.

## INSTALLATION

SOPRAPLY TRAFFIC CAP PLUS G/P 4.0 and SOPRAPLY TRAFFIC CAP PLUS G/P 4.0 FR membrane are heat-welded with a propane torch.

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

## PACKAGING

Specifications	SOPRAPLY TRAFFIC CAP PLUS G/P 4.0 & SOPRAPLY TRAFFIC CAP PLUS G/P 4.0 FR
Thickness	4.0 mm (157 mils)
Reinforcement	Composite
Back surface coating thickness*, min	1.0 mm (39 mils)
Dimensions	8 x 1 m (36 x 3.3 ft)
Weight	4.8 kg/m <sup>2</sup> (1.01 lb/ft <sup>2</sup> )
Selvedge width	75 mm (3 in)
Surface	Granules
Underface	Thermofusible plastic film

\*Only for heat-welded sheets  
(All values are nominal)



SYSTÈME QUALITÉ  
ISO 9001  
QUALITY SYSTEM



SYSTÈME ENVIRONNEMENT  
ISO 14001  
ENVIRONMENT SYSTEM



**SOPREMA**<sup>®</sup>

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### PROPERTIES

As per CSA A123.23-15, Type C, Grade 1.

Properties	SOPRAPLY TRAFFIC CAP PLUS G/P 4.0 & SOPRAPLY TRAFFIC CAP PLUS G/P 4.0 FR	
	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)	9.5/8.5 kN/m (54/49 lbf/in) 12.0/11.0 kN/m (69/63 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)	19.0/16.0 kN/m (108/91 lbf/in) 24.0/20.0 kN/m (137/114 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)	65/65 % 55/70 %	50/50 % 35/35 %
Ultimate elongation, MD/XD At 23 °C ± 2 °C (73.4 °F ± 3.6 °F)	100/100 %	55/55 %
Dimensional stability, max MD/XD	±0.2/±0.2 %	
Low temperature flexibility, max MD/XD	-25/-25 °C (-13/-13 °F)	-18/-18 °C (0/0 °F)
Low temperature flexibility after UV weathering, max MD/XD	-12/-12 °C (10/10 °F)	
Compound stability at 91 °C (196 °F)	95 °C (203 °F)	
Resistance to puncture	Pass	
Granule embedment	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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