

Formerly known as SOPRAPLY TRAFFIC CAP 560 & FR 561

# SOPRAPLY TRAFFIC CAP (FR)

TECHNICAL DATA SHEET 200316SCANE

(supersedes 130423SCAN3E)



WATERPROOFING

APPLICATIONS

ROOFS

## DESCRIPTION

SOPRAPLY TRAFFIC CAP 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 FR) is available to increase fire resistance. This membrane meets the requirements of CAN/ULC-S107 Class A standard.

## INSTALLATION

### HEAT-WELDED

SOPRAPLY TRAFFIC CAP and SOPRAPLY TRAFFIC CAP FR membranes are heat-welded with a propane torch.

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

## PACKAGING

Specifications	SOPRAPLY TRAFFIC CAP & SOPRAPLY TRAFFIC CAP FR
Thickness	4,0 mm (157 mils)
Reinforcement	Composite
Dimensions	8 x 1m (26 x 3,3 ft)
Weight	4,8 kg/m <sup>2</sup> (1,0 lb/ft <sup>2</sup> )
Selvedge width	75 mm (3 in)
Surface	Granules
Underface	Thermofusible plastic film

(All values are nominal)



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## PROPERTIES

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

Properties	SOPRAPLY TRAFFIC CAP & SOPRAPLY TRAFFIC CAP 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)	7.3/6.5 kN/m (42/37 lbf/in) 6.5/4.5 kN/m (37/26 lbf/in)	7.0/5.5 kN/m (40/31 lbf/in) 6.5/4.5 kN/m (37/26 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)	17/12.5 kN/m (97/71 lbf/in) 24/15 kN/m (137/86 lbf/in)	19/13 kN/m (108/74 lbf/in) 23/14 kN/m (131/80 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)	55/60 % 35/40 %	44/57 % 37/34 %
Ultimate elongation at 23 °C ± 2 °C (73.4 °F ± 3.6 °F) MD/XD	60/95 %	50/55 %
Dimensional stability, max MD/XD	±0.6/±0.1 %	
Low temperature flexibility, max MD/XD	-18/-18 °C (0/0 °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 102 °C (216 °F)	121/121 °C (250/250 °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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