COLPLY
TRAFFIC CAP (FR)

TECHNICAL DATA SHEET 240212SCANE (supersedes 230915SCANE)

WATERPROOFING

APPLICATIONS

ROOFS

DESCRIPTION

COLPLY 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 sanded.

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

INSTALLATION

ADHESIVE

COLPLY TRAFFIC CAP or COLPLY TRAFFIC CAP FR is unrolled on the adhesive previously applied using a notched squeegee.

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

Apply adhesive on the first 100 to 125 mm (4 to 5 in) of the end laps with a notched trowel. Complete the installation by welding the last 25 to 50 mm (1 to 2 in) of the end laps, using an electric hot-air welder and a membrane roller.

Welding must also be done on all side laps. The use of an automatic hot-air welder will increase the speed and quality of the seal.

SEBS HOT BITUMEN

COLPLY TRAFFIC CAP or COLPLY TRAFFIC CAP FR is unrolled in a bed of SEBS hot bitumen (SOPRASPHALTE M) applied with a mop.

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

GENERAL INFORMATION

Specifications	COLPLY TRAFFIC CAP & COLPLY TRAFFIC CAP FR
Reinforcement	Composite
Dimensions	10 x 1 m (33 x 3,3 ft)
Selvedge width	100 mm (4 in)
Surface	Granules
Underface	Sanded

(All values are nominal)

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Properties	COLPLY TRAFFIC CAP & COLPLY TRAFFIC CAP FR		CSA A123.23 Type C, Grade 1 Requirements
	BEFORE Heat Conditioning	AFTER Heat Conditioning	
Thickness, min.	3,5 mm (138 mils)		2.8 mm (110 mils)
Selvedge thickness, min.	2.75 mm (108 mils)		1.8 mm (70 mils)
Mass per unit area, min.	4.3 kg/m^2 (88 lb/ 100 ft^2)		2.9 kg/m^2 (60 lb/100 ft^2)
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)	5.5 kN/m (31 lbf/in) 3.0 kN/m (17 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)	Report value Report value
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%	Report value Report value
Ultimate elongation, MD/XD, *at 23 °C ± 2 °C (73.4 °F ± 3.6 °F)*	65/65%	55/55%	Report value
Dimensional stability, max. MD/XD	±0.2/±0.2%		0.5%
Low temperature flexibility, max. MD/XD	-27/-27 °C (-17/-17 °F)	-18/-18 °C (-0.4/-0.4 °F)	-18 °C (-0.4 °F)
Low temperature flexibility after UV weathering, max. MD/XD	-12/-12 °C (10/10 °F)		-12 °C (10 °F)
Compound stability	121/121 °C (250/250 °F)		min. 91 °C (195 °F)
Resistance to puncture	Pass		Pass
Granule embedment	< 2.0 g (0.07 oz)		max. 2.0 g (0.07 oz)

(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.