Formerly known as COLPLY TRAFFIC CAP 460 FLEX

COLPLY
TRAFFIC CAP FLEX (FR)

TECHNICAL DATA SHEET 221207SCANE (supersedes 200316SCANE)

WATERPROOFING

APPLICATIONS

ROOFS

DESCRIPTION

COLPLY TRAFFIC CAP FLEX is a high performance cap sheet membrane composed of SBS modified bitumen and a composite reinforcement. The bituminous mass of the COLPLY TRAFFIC CAP FLEX membrane is designed to be flexible at low temperatures. 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 FLEX 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 FLEX 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.

PACKAGING

Specifications	COLPLY TRAFFIC CAP FLEX
Thickness	3,5 mm (138 mils)
Reinforcement	Composite
Dimensions	10 x 1 m (33 x 3,3 ft)
Weight	4.6 kg/m² (1.0 lb/ft²)
Selvedge width	100 mm (4 in)
Surface	Granules
Underface	Sanded

(All values are nominal)

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PROPERTIES

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

Properties	COLPLY TRAFFIC CAP FLEX	
	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)	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)
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)
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 %
Ultimate elongation at 23 °C ± 2 °C (73.4 °F ± 3.6 °F) MD/XD	65/65 %	55/55 %
Dimensional stability, max MD/XD	±0.2/±0.2 %	
Low temperature flexibility, max MD/XD	-27/-27 °C (-17/-17 °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.

TDS-COLPLY-TRAFFIC-CAP-FLEX-Soprema-en.indd

SYSTÈME QUALITÉ ISO 9001 QUALITY SYSTEM

SYSTÈME ENVIRONNEMENT ISO 14001 ENVIRONMENT SYSTEM

SOPREMA®