

COLPLY TRAFFIC CAP 460 COLPLY TRAFFIC CAP FR 461

TECHNICAL DATA SHEET
130611SCAN1F
(supersedes n/a)

DESCRIPTION

COLPLY TRAFFIC CAP 460 is a high performance cap sheet membrane composed of SBS modified bitumen and a composite reinforcement. The surface is protected by coloured granules. The underface is sanded.

Fire rated cap sheet (**COLPLY TRAFFIC CAP FR 461**) is also available for increase fire resistance.

INSTALLATION

ADHESIVE

COLPLY TRAFFIC CAP 460 & **COLPLY TRAFFIC CAP FR 461** are unrolled on **COLPLY BRUSH GRADE** adhesive applied using a notched trowel.

Apply **COLPLY TROWEL GRADE** adhesive for the first 125 mm (5 in) of the end laps with a steel trowel with 5 mm (3/16 in) notches. Complete the installation by welding the last 25 mm (1 in) of the overlap to the existing surface, using an electric hot-air torch and a membrane roller.

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

Once installed, a pressure must be applied over the whole surface using a membrane roller to ensure good contact.

SEBS HOT BITUMEN

COLPLY TRAFFIC CAP 460 & **COLPLY TRAFFIC CAP FR 461** are 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 460 & COLPLY TRAFFIC CAP FR 461
Thickness	3.5 mm (138 mils)
Reinforcement	Composite
Dimensions	1 m x 10 m (3.3 ft x 33 ft)
Weight	4.1 kg/m ² (0.8 lb/ft ²)
Selvedge width	100 mm (4 in)
Surface	Granules
Underface	Sanded
Rolls per skid	25



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PROPERTIES

COLPLY TRAFFIC CAP 460 & COLPLY TRAFFIC CAP FR 461 as per CAN/CGSB-37.56-M, 9th draft.

Properties	MD	XD
Strain energy	7.8 kN/m	7.2 kN/m
Breaking strength	15 kN/m	13.5 kN/m
Ultimate elongation	60 %	65 %
Tear resistance	125 N	
Static puncture resistance	560 N	
Dimensional stability	0.2 %	0 %
Plastic flow	≥ 110 °C (230 °F)	
Cold bending at -30 °C (-22 °F)	No cracking	
Lap joint strength	Pass > 4 kN/m	

(Meets and exceeds the requirements of ASTM D6162, type I).
 (All values are nominal)

STORAGE & HANDLING

Rolls must be stored upright, with the selvedge side on top. If the products are stored outside, cover them with an opaque protection cover after the packaging provided for delivery has been removed.

