

COLPLY BASE 410

TECHNICAL DATA SHEET
130610SCAN1F
(supersedes n/a)

DESCRIPTION

COLPLY BASE 410 is a high performance base sheet membrane composed of SBS modified bitumen and a composite reinforcement. Both sides are sanded.

INSTALLATION

ADHESIVE

COLPLY BASE 410 is 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 BASE 410 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 BASE 410
Thickness	2.5 mm (98 mils)
Reinforcement	Composite
Dimensions	1 m x 10 m (3.3 ft x 33 ft)
Weight	3.1 kg/m ² (0.6 lb/ft ²)
Selvedge width	100 mm (4 in)
Surface	Sanded
Underface	Sanded
Rolls per skid	36



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 130610SCAN1F
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PROPERTIES

COLPLY BASE 410 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. If the products are stored outside, cover them with an opaque protection cover after the packaging provided for delivery has been removed.

