



WATERPROOFING

APPLICATIONS

ROOFS

COLPLY BASE 410 FLEX

TECHNICAL DATA SHEET 191023SCANE

(supersedes 190614SCANE)

DESCRIPTION

COLPLY BASE 410 FLEX is a high performance base sheet membrane composed of SBS modified bitumen and a composite reinforcement. The bituminous mass of the COLPLY BASE 410 FLEX is designed to be flexible at low temperature. Both sides are sanded.

INSTALLATION

ADHESIVE

COLPLY BASE 410 FLEX membrane is unrolled on SOPRATAACK WINTER adhesive applied using a notched trowel.

Apply SOPRATAACK WINTER 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 welder 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.

HOT BITUMEN

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

(All values are nominal)



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TDS_COLPLY_BASE_410_FLEX.indd



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PROPERTIES

As per CAN/CGSB 37.56-M, 9th draft

Properties	COLPLY BASE 410 FLEX	
	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	

(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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