

SOPRAPLY BASE 510

TECHNICAL DATA SHEET
130423SCAN1F
(supersedes n/a)

DESCRIPTION

SOPRAPLY BASE 510 is a high performance base sheet membrane composed of SBS modified bitumen and a composite reinforcement. The surface is covered with a thermofusible plastic film, the underside is sanded.

INSTALLATION

HOT BITUMEN

SOPRAPLY BASE 510 is unrolled in a bed of hot bitumen applied with a mop.

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

PACKAGING

Specifications	SOPRAPLY BASE 510
Thickness	2.5 mm (98 mils)
Reinforcement	Composite
Dimensions	1 m x 15 m (3.3 ft x 49 ft)
Weight	3,3 kg/m ² (0.7 lb/pi ²)
Selvage width	75 mm (3 in)
Surface	Thermofusible plastic film
Underface	Sanded
Rolls per skid	25

PROPERTIES

SOPRAPLY BASE 510 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 selvage 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.

