

SOPRASEAL 180 HD
SOPRASEAL 180 HD F/F

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TECHNICAL DATA SHEET
030128CAN3E
(supersedes 001218CAN12E)

DESCRIPTION

SOPRASEAL membranes are SBS modified bitumen air and vapour barriers. These Sopraseal membranes are applied using a torch and should not be bonded using hot asphalt.

FOR COMPLETE INFORMATION ON APPLICATION AND SYSTEMS PLEASE CONSULT OUR SPECIFICATION MANUAL.

PROPERTIES

Properties	Standards	SOPRASEAL 180 HD	SOPRASEAL 180 HD F/F	SOPRASEAL 60	SOPRASEAL 60 F/F
Thickness	-	3.0 mm		2.7 mm	
Dimension	-	10 X 1 m		10 X 0.91 m	
Gross / Net coverage per roll	-	10 / 9.5 m ² (107 / 102 ft ²)		9.1 / 8.6 m ² (98 / 92 ft ²)	
Roll Weight	-	35 kg	33 kg	32 kG	31 kG
Reinforcement type	-	Non-Woven Polyester		Glass mat	
Top face	-	Sand	Film	Sand	Film
Underface	-	Thermofusible plastic film			
Storage	-	Upright on pallet			
Breaking strength, MD/XD	CAN/CGSB-37.56-M, 9 TH draft	17 / 12.5 kN/m		10 / 7.5 kN/m	
Ultimate elongation, MD/XD	CAN/CGSB-37.56-M, 9 TH draft	60 / 65 %		4 / 4 %	
Cold bending - initial - 90 days at 70 °C	CAN/CGSB-37.56-M, 9 TH draft			-30 °C -30 °C	
Plastic flow	CAN/CGSB-37.56-M, 9 TH draft	115 °C			
Dimensional stability, MD/XD	CAN/CGSB-37.56-M, 9 TH draft	-0.4 / 0.3 %		0 / 0	
Static puncture	CAN/CGSB-37.56-M, 9 TH draft	400 N		90 N	
Tear resistance	ASTM D5601	60 N		20 N	
Water vapour permeance	ASTM E96 (Procedure B)	0.21 ng/Pa•s•m ²		0.22 ng/Pa•s•m ²	
Air permeability, 75 Pa	ASTM E283 (75 Pa)	No measurable air leakage			

(All values are nominal)