

SOPRALENE 250 SANDED
SOPRALENE 250 GR
SOPRALENE FLAM 250

SOPRALENE FLAM 250 GR
SOPRALENE MAMMOUTH GR
SOPRALENE MAMMOUTH 5 mm GR

TECHNICAL DATA SHEET
100316SCAN1E
(supersedes 040206CAN1E)

DESCRIPTION

SOPRALENE 250 membranes are composed of a non-woven polyester reinforcement and SBS modified bitumen. Fire rated **SOPRALENE** cap sheets are also available for increased fire resistance.

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

PROPERTIES

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

Properties	SOPRALENE									
	250 SANDED	250 GR	FLAM 250	FLAM 250 GR	MAMMOUTH GR	MAMMOUTH 5 mm GR				
Thickness	4.0 mm				4.5 mm	5 mm				
Dimension	8 x 1 m									
Weight	41 kg	38 kg			45 kg	49 kg				
Top face	Sand	Granules	Film	Granules						
Underface	Sanded		Thermofusible plastic film							
Reinforcement	Non-woven polyester									
Storage	Upright on pallet									
Application method	Bonded with hot asphalt		Torch applied							
Strain energy, (MD/XD)	10 / 10 kN/m									
Breaking strength, MD/XD	18 / 16 kN/m									
Ultimate elongation, MD/XD	60 / 65 %									
Tear resistance	75 N									
Static puncture	420 N									
Dimensional stability, MD/XD	-0.8 / -0.2 %									
Plastic flow	105 °C		110 °C							
Cold bending*	-30 °C									
Lap adhesion										
- initial							27,0 kN/m			
- 5 days at 50 °C							27,0 kN/m			
- 14 days at 70 °C							27,0 kN/m			

* Initial and after 90 days ageing at 70 °C.

(All values are nominal)