

SOPRALENE 250 SANDED
SOPRALENE 250 GR
SOPRALENE FLAM 250
SOPRALENE FLAM 250 GR
SOPRALENE MAMMOUTH GR
SOPRALENE MAMMOUTH 5 mm GR
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 - 5 days at 50 °C - 14 days at 70 °C												
	27.0 kN/m 27.0 kN/m 27.0 kN/m												

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

(All values are nominal)