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TECHNICAL DATA SHEET  
100316SCANIE  
(supersedes 040206CANIE)

**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			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)



NOTE : SOPREMA INC. may modify the composition and/or utilisation of its products without prior notice. Consequently orders will be filled according to the latest specification.