

SOPRALENE



SOPREMA

SOPREMA MIDDLE EAST
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info@soprema.ae

TECHNICAL DATA SHEET
140227SME1E
(supersedes -)

DESCRIPTION

SOPRALENE is a series of reinforced membranes specially designed for roofing, below grade waterproofing and tanking applications. High performance SBS modified bitumen combined with an ultra high strength non woven polyester reinforcement provides excellent puncture resistance.

The top face is covered with a plastic film, sand or slate flakes. The underface is covered with a thermofusible plastic film.

APPLICATIONS

Membrane can be used in single ply or 2-ply applications, vertically and horizontally.

INSTALLATION

The membrane is torched on appropriate substrate and the seams are heat welded to ensure watertightness of system. For complete installation specification and information please contact your local SOPREMA representative.

HEALTH & ENVIRONMENT

The membrane does not contain any substance that might be detrimental to health or to the environment and complies with generally accepted health standards and Material Safety Data Sheet (MSDS).

QUALITY CONTROL

SOPREMA has always attached the highest importance to quality control. For this reason, we operate an internationally recognized quality system meeting ISO 9001 & ISO 14001 standards, independently monitored and certified.

PACKAGING

NON WOVEN POLYESTER 180 g/m²

Specifications	3.0 S	3.0 P	3.0 F	4.0 S	4.0 P	4.0 F	5.0 S	5.0 P	5.0 F
Reinforcement	NON WOVEN POLYESTER 180 g/m²								
Thickness on selvedge	3.0 mm			4.0 mm			5.0 mm		
Roll dimensions	1 x 10 m	1 x 10 m	1 x 8 m	1 x 8 m	1 x 8 m	1 x 8 m	1 x 8 m	1 x 8 m	1 x 8 m
Roll weight	36 kg	35 kg	38 kg	39 kg	38 kg	46 kg	50 kg	49 kg	55 kg
Surface	Sand	Film	Slate	Sand	Film	Slate	Sand	Film	Slate
Underface	Thermofusible plastic film								
Storage	Upright on pallet								

NON WOVEN POLYESTER 250 g/m²

Specifications	4.0 S	4.0 P	4.0 F	5.0 S	5.0 P	5.0 F
Reinforcement	NON WOVEN POLYESTER 250 g/m²					
Thickness on selvedge	4.0 mm			5.0 mm		
Roll dimensions	1 x 8 m	1 x 8 m	1 x 8 m	1 x 8 m	1 x 8 m	1 x 8 m
Roll weight	39 kg	38 kg	46 kg	50 kg	49 kg	55 kg
Surface	Sand	Film	Slate	Sand	Film	Slate
Underface	Thermofusible plastic film					
Storage	Upright on pallet					



SYSTÈME QUALITÉ
ISO 9001
QUALITY SYSTEM



SYSTÈME ENVIRONNEMENT
ISO 14001
ENVIRONMENT SYSTEM

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PROPERTIES

Properties	Standards	SOPRALENE 180	SOPRALENE 250
Tensile strength, MD/XD	EN 12311-1	900 / 650 N/5 cm	1200 / 900 N/5 cm
Ultimate elongation at max load, MD/XD	EN 12311-1	45 / 55 %	50 / 50 %
Cold Temperature flexibility	EN 1109	Pass at -20 °C	Pass at -20 °C
Cold Temperature flexibility, after EN 1296 accelerated aging	EN 1109 / EN 1296	Pass at -5 °C	Pass at -5 °C
Flow Property at High Temperature	EN 1110	105 °C	105 °C
Flow Property at High Temperature, after EN 1296 accelerated aging	EN 1109 / EN 1296	100 °C	100 °C
Dimensional Stability	EN 1107-1	0.5 %	0.5 %
Resistance to Static Puncture	NF P 84-352	L ₄ (25 kg)	L ₄ (25 kg)
Resistance to Dynamic Puncture	NF P 84-353	D ₂ (10 J)	D ₃ (20 J)
Nail Tear Resistance, MD/XD	EN 12310-1	250/250	300/300
Waterthightness Test	EN 1928	Pass	Pass

Tolerance Values according to UEAtc.
(All values are nominal)



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