SOPRALENE 250

SOPRALENE 250 is a SBS elastomeric bitumen waterproofing membrane with a non-woven polyester reinforcement.

Both sides are protected by fine sand.

User application

SOPRALENE 250 is used as first or second layer under protection in all two-ply elastomeric bitumen waterproofing systems bonded or welded on hot bitumen.

All the applications are described in Technical Approvals or **SOPREMA**'s Technical Guidelines in force.

Composition

	SOPRALENE 250
Reinforcement	Non-woven polyester
Binder	Elastomeric bitumen : blend of selected bitumen and SBS* thermoplastic polymers
Thickness MDV(1) according to 13707	4,0 mm (-5 % ; +5%)
Topside	Fine sand
Underside	Fine sand
*According to UEAtc directives concerning the normalization of waterproof elastomeric SBS bitumen coverings (1) MDV = Manufacturer's Declared Value	

Packaging

	SOPRALENE 250
Dimensions of the roll	8 m x 1 m
Weight of the roll	about 40 kg
Storage	Upright on pallet with plastic wrapping
Roll lengths are given with a tolerance of < 1 %. Width of roll is given with a tolerance of 1% (UEAtc). Rolls must be stored upright on flat ground. During storage, protect the rolls against moisture. In cold weather, we recommend that the rolls be kept at a minimum temperature of + 2°C (+ 36 °F) for at least 5 hours before installation.	

SOPREMA SAS with a Capital of 50 000 000 € - Headquarter: 14 rue de Saint-Nazaire – 67100 STRASBOURG – FRANCE Postal adress: CS 60121 - 67025 STRASBOURG CEDEX. RCS STRASBOURG: 314 527 557.SOPREMA reserves the right to amend the composition of its material and consequently their prices, without prior notice. For this reason, all orders will be accepted only in accordance with the conditions and technical specifications in force at the date of order.
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TECHNICAL DATA SHEET

n° WPBFR227/a cancels and replaces **N° DTE 11-128_EN CE**

Characteristics (outside CE marking)

	SOPRALENE 250
Static puncture resistance (NF P 84-352) - with **ELASTOPHENE 25** underlayer	≥ 25 kg (L4)
Dynamic puncture resistance (NF P 84-353) - with **ELASTOPHENE 25** underlayer	≥ 20 J (D3)

Installation

SOPRALENE 250 must be applied torch-on techniques or hot bitumen.

Hot bitumen can be used in the bonding process.

Special indications

Hygiene, health and environment:

The product does not contain any substance likely to be detrimental to health or to environment and complies with generally admitted Health and Safety Requirements. For further information, please refer to relevant Safety Data Sheet.

Traceability:

Product traceability is ensured through a manufacturing code present on the packaging.

Quality control:

SOPREMA has always attached the highest importance to the quality of its products, to the respect of environment and men.
For this reason, we apply an integrated management of the Quality and Environment certified **ISO 9001** and **ISO 14001**.

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CE marking

CE

2007

SOPRALENE 250

SOPREMA
14 rue de Saint-Nazaire – CS 60121
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06
Construction Product Regulation (CPR)
Declaration of Performance : DoP n° WPBFR227
Certificate of Factory Production Control : 2007-CPR-13105, 13107, 13109.

EN 13707

Membrane composed of modified elastomeric bitumen and non-woven polyester reinforcement.
Both sides are protected with fine sand.
Dimensions : 8 m x 1 m x 4 mm.
Applied by torch-on techniques or hot bitumen. First or second layer under protection.

Essential characteristics	Performances	Harmonised Technical Specification
Classification for external fire exposure (Note 1)	$F_{ROOF\ (t1,t2,t3,t4)}$	EN 13707:2004 + A2:2009
Reaction to fire	E	
Watertightness	Conform	
Tensile properties : Tensile strength L x T (N / 50 mm) Elongation L x T (%)	 ≥ 800 x 800 40 x 40	
Root resistance	NPD	
Resistance to static loading (kg)	20	
Resistance to impact (mm)	1750	
Resistance to tearing (N)	≥ 250	
Joint strength Peel resistance of joints (N / 50 mm) Shear resistance of joints (N / 50 mm)	 ≥ 100 ≥ 800	
Durability Flow resistance at elevated temperature after ageing	 90°C	
Flexibility at low temperature	-16°C	
Dangerous substances (Notes 2 and 3)	Complies	

Note 1 : Since external fire performance depends on the other components of the roof build-up, no performance can be given.
Note 2 : This product does not contain asbestos or tar constituents.
Note 3 : Since there is no European test method available, no performance declaration for leaching behavior can be made. It must be made according to national rules in force in the place of use.

Additional characteristics	SOPRALENE 250
	MLV*
Flow resistance at elevated temperature (EN 1110)	100 °C
Dimensional stability (EN 1107-1)	0,5 %
*MLV = Manufacturer's Limiting Value: Minimum value as started by the manufacturer to be met during testing of type, internal quality control or external supervision with a confidence level of 95 %	

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