

SOPRALENE FLAM ANTIROCK P

SOPRALENE FLAM ANTIROCK P is a SBS elastomeric bitumen waterproofing membrane with a non-woven polyester reinforcement.

The topside is protected by light grey slate chippings and the underside is covered by a thermofusible film.

User application

SOPRALENE FLAM ANTIROCK P is used as unilayer or second layer under concrete asphalt in elastomeric bitumen waterproofing systems. It is mainly used on roofs with vehicle access and car park.

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

Composition

SOPRALENE FLAM ANTIROCK P	
Reinforcement	Non-woven polyester
Binder	Elastomeric bitumen : blend of selected bitumen and SBS* thermoplastic polymers
Thickness ⁽¹⁾ - on overlap	4,7 mm (±5 %) 4,0 mm (±5 %)
Topside	Slate chippings
Underside	Thermofusible film
Overlap	≥ 80 mm
*According to UEAtc directives concerning the normalization of waterproof elastomeric SBS bitumen coverings (¹) MDV = Manufacturer's Declared Value	

Packaging

SOPRALENE FLAM ANTIROCK P	
Dimensions of the roll	8 m x 1 m
Weight of the roll	about 45 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.	

Characteristics (outside CE marking)

	Test method	SOPRALENE FLAM ANTIROCK P
Bond strength to concrete with ELASTOCOL 500 bituminous primer	EN 13596	≥ 0.60 MPa
Static puncture resistance - with ELASTOPHENE FLAM 25	NF P 84-352	≥ 25 kg (L4)
Dynamic puncture resistance - with ELASTOPHENE FLAM 25	NF P 84-353	≥ 20 J (D3)
Classification - with ELASTOPHENE FLAM 25	FIT	F5 I5 T4

Installation

SOPRALENE FLAM ANTIROCK P must be applied only by heat welding or torch-on techniques. **SOPRALENE FLAM ANTIROCK P**, in great length, can be applied with the MACADEN (fully automated welding machine).

Hot bitumen must not be used in the bonding process.

When used for roofs with vehicles access and car park, the cold applied bitumen primer to be used must be **ELASTOCOL 500**, or **GLACIVAP** pore filler.

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**.

CE marking

 1119
SOPRALENE FLAM ANTIROCK P SOPREMA 14 rue de Saint-Nazaire – CS 60121 67025 STRASBOURG cedex 13 Construction Product Regulation (CPR) Declaration of Performance : DoP n° WPBFR233 Certificate of Factory Production Control : 1119-CPR-13132, 13133, 13134 (13707)
EN 13707 Membrane composed of modified elastomeric bitumen and non-woven polyester reinforcement. Topside is protected with slate chippings and underside is covered by a thermofusible film. Dimensions : 8 m x 1 m x 4,0 mm. Applied by torch-on techniques. Unilayer or second layer under concrete asphalt.

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)	≥ 200	
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 FLAM ANTIROCK P
	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 %	