

SOPRALENE FLAM JARDIN

TECHNICAL DATA SHEET APTDS-E-06-01

DESCRIPTION

SOPRALENE FLAM JARDIN is a flexible SBS elastomeric bitumen waterproofing membrane with a non-woven polyester reinforcement. The topside is protected by slate chippings and the underside is covered by a thermofusible film.

SOPRALENE FLAM JARDIN bitumen mass contains anti-root penetration properties for green roofs and complies with EN 13948 (FLL procedure).

USER APPLICATION

SOPRALENE FLAM JARDIN is to be used as a top layer under green roofs and **SOPRANATURE** vegetation in all two-ply elastomeric bitumen waterproofing system.

Can also be used for foundation walls with a protection.

All the applications are described in the French Standards DTU, Technical Guidelines or Technical Approval. For more details refer to specific technical information.

INSTALLATION

SOPRALENE FLAM JARDIN must be applied only by heat welding or torch-on techniques. Hot bitumen must not 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 more information, please refer to relevant Safety Data Sheet.

Quality control:

SOPREMA has always attached the highest importance to Quality Control.

For this reason, we operate an independently monitored Quality Assurance System in compliance with **BS EN ISO 9001:2000**, certified by **BSI Management System**.

PACKAGING

	SOPRALENE FLAM JARDIN
Roll dimensions	8mx1m
Roll weight	about 35 kg
Storage	Upright on pallet with plastic wrapping, protected against moisture

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. Pallets may be stacked to a maximum height of two pallets with separating layer.

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.

SOPRALENE FLAM JARDIN

TECHNICAL DATA SHEET APTDS-E-06-01

COMPOSITION

Properties	SOPRALENE FLAM JARDIN
Reinforcement	Non-woven polyester (200 g/m ²)
Binder	Elastomeric bitumen*: blend of selected bitumen and SBS thermoplastic polymers
Thickness	3,2 mm (on overlap) 3,9 mm on slates
Topside	Slate chippings
Underside	Thermofusible film
Overlap	≥ 6cm

CHARACTERISTICS

SOPRALENE FLAM JARDIN is a flexible membrane for roof waterproofing and complies with EN 13707, thereby bearing the CE standard marking. General information concerning the CE marking, expressed in MLV, can be found below. For more information, please refer to the relevant Declaration of Conformity.

Properties	Standards	SOPRALENE FLAM JARDIN
Classification for external fire exposure	EN 13501-5	NPD
Reaction to fire	EN 13501-1	E
Tensile Strength in longitudinal direction	EN 12311-1	800 N / 5cm
Tensile Strength in transversal direction	EN 12311-1	550 N / 5cm
Elongation in longitudinal direction	EN 12311-1	40 %
Elongation in transversal direction	EN 12311-1	40 %
Low temperature flexibility	EN 1109	- 16°C
Flow resistance at high temperature	EN 1110	100°C
Flexibility, after ageing test	EN 1109, EN 1296	0°C
Heat resistance, after ageing test	EN 1110, EN 1296	90°C
Static puncture resistance	EN 12730	20 kg
Choc resistance	EN 12691	1500 mm
Tear resistance in longitudinal and transversal directions	EN 12310-1	150 N
Shear resistance of joints	EN 12317-1	500 N / 5cm
Peeling resistance of joints	EN 12316-1	100 N / 5cm
Watertightness	EN 1928	Conform
Resistance to root penetration	EN 13948	Conform

SOPRALENE FLAM JARDIN also complies with EN 13969, confirmed by the CE marking, according to Certificate of Factory Production Control n° 0679-CPD-0131 and 134. (All values are nominal)