

SOPRALENE FLAM JARDIN S5 SCHIEFER

Description

SOPRALENE FLAM JARDIN S5 SCHIEFER 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 S5 SCHIEFER bitumen mass contains anti-root penetration properties for green roofs and complies with prEN 13948:2000 (FLL procedure).

Composition

	SOPRALENE FLAM JARDIN S5 SCHIEFER
Reinforcement	Non-woven polyester (250 g/m ²)
Binder	Elastomeric bitumen*: blend of selected bitumen and SBS thermoplastic polymers
Thickness	5.2 mm
Weight	about 6 kg/m ²
Topside	Slate chippings
Underside	Thermofusible film
Overlap	≥ 8cm

*According to UEAtc directives concerning the normalisation of waterproof elastomeric SBS bitumen coverings.

Characteristics

	SOPRALENE FLAM JARDIN S5 SCHIEFER	
	MDV ¹	MLV ²
Tensile Strength (EN 12311-1)		
-longitudinal	≥ 1100 N/ 5cm	800 N/ 5cm
-transversal	≥ 1000 N/ 5cm	800 N/ 5cm
Elongation (EN 12311-1)		
-longitudinal	≥ 40 %	35 %
-transversal	≥ 45 %	35 %
Low temperature flexibility (EN 1109)	No cracks at ≤ - 36°C	No cracks at - 25°C
Flow resistance at high temperature (EN 1110)	≥ 120°C	100°C
Dimensional stability (EN 1107-1)	≤ 0,5 %	

⁽¹⁾MDV = Manufacturer's determined value: An arithmetic mean value of a minimum number of independent measurements.


⁽²⁾MLV = Manufacturer's limiting value: Minimum or maximum 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 %.

CE Marking



SOPRALENE FLAM JARDIN S5 SCHIEFER 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.

 CSTB 0679	
<p><u>SOPRALENE FLAM JARDIN S5 SCHIEFER</u> SOPREMA S.A.S. B.P. 60121 – 14, rue de St-Nazaire 67025 STRASBOURG CEDEX 1 06 Certificate of Factory Production Control 0767-BPR-1908</p>	
<p>EN 13707 Membrane composed of modified elastomeric bitumen and a non-woven polyester reinforcement. Topside is protected with slate chippings and underside is covered with a thermofusible film. Dimensions : 5 m x 1 m x 5.2 mm.</p> <p>Membrane is used as a top layer or for single layer application. Must not be applied with hot bitumen. Will be used for green roofs.</p>	
Classification for external fire exposure (EN 13501-5)	Broof T1
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)	800 N/ 5cm
Elongation in longitudinal direction (EN 12311-1)	35 %
Elongation in transversal direction (EN 12311-1)	35 %
Low temperature flexibility (EN 1109)	- 25°C
Flow resistance at high temperature (EN 1110)	100°C
Watertightness (EN 1928)	Conform

SOPRALENE FLAM JARDIN S5 SCHIEFER also complies with EN 13969, confirmed by the CE marking, according to Certificate of Factory Production Control n° 0767-BPR-1908.