



SOPRAGUM OPTIMA 4 B1 FR

Description

Waterproofing membrane composed by APP modified bitumen with a double reinforcement of glass fibre and polyester, which results in a better dimensional stability. The reinforcements are impregnated with an APP compound. The homogeneity between the covering mass and the impregnation compound results in an extremely high resistance to delamination. The lower side is finished with a macro perforated polypropylene film. The selvedge on the lower and upper side is protected with a polypropylene film.

Application

SOPRAGUM OPTIMA 4 B1 FR is used as a single-ply waterproofing membrane or as an upper layer in a multi-layer system.

Composition

		SOPRAGUM OPTIMA 4 B1 FR
Membrane thickness on selvedge		4 mm
Reinforcement non-woven polyester (g/m ²)	MDV	150
Reinforcement glass fibre (g/m ²)	MDV	60
Coating mass		APP
Upper side		Sand
Lower side		Macro perforated film

Characteristics

		SOPRAGUM OPTIMA 4 B1 FR
Tensile strength: L (N/5cm) (UEatc)	MDV	700
Tensile strength: T (N/5cm) (UEatc)	MDV	650
Elongation at break: L (%) (UEatc)	MDV	35
Elongation at break: T (%) (UEatc)	MDV	35
Dimensional stability (%) (UEatc)	MLV	0,3
Cold flexibility (°C) (UEatc)	MLV	-15
Softening point (°C) (UEatc)	MLV	140
Puncture resistance: L (N)	MLV	150
Puncture resistance: T (N)	MLV	150

MDV = average value / MLV = minimum value

Packing

	SOPRAGUM OPTIMA 4 B1 FR
Dimensions of the roll (m)	8 x 1,1
Weight of the roll (kg)	36
Number of rolls per pallet	25

Installation

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SOPRAGUM OPTIMA 4 B1 FR	Talcum/macro film	Torch-on method or cold glue

F = torch-on film / T = sand/talcum / G = granulates / A = slate flakes

Certifications

ATG approval nr. 1558

Sopragum Optima 4 B1 FR complies with the fire resistance standards B_{roof} (t1)

Avis Technique 5/04.175

Special indications

Health and Environment :

The membrane does not contain any substance which is likely to be detrimental to health or to environment and complies with generally admitted Health and Safety Requirements. For more detailed information, please refer to the 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 line with ISO 9001.



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