



SOPRAGUM OPTIMA 4 C

Type C1 & C3

Description

Waterproofing membrane composed by APP modified bitumen with a composite polyester reinforcement which results in a better dimensional stability and mechanical resistance. The reinforcement is impregnated with an APP compound. The homogeneity between the covering mass and the impregnation compound results in an extremely high resistance to delamination. The upper side is finished with mineral slates or sand/talcum. The selvedge is protected with a polypropylene film. A torch-on film protects the lower side (torch-on method) or sand/talcum (cold glue).

Application

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

Composition

		SOPRAGUM OPTIMA 4 C	
		C1	C3
Membrane thickness on selvedge		4 mm	4 mm
Reinforcement composite polyester (g/m ²)	MDV	170	250
Coating mass		APP	APP
Upper side		Mineral slates or sand/talcum	Mineral slates or sand/talcum
Lower side		PE film or sand/talcum	PE film or sand/talcum

Characteristics

		SOPRAGUM OPTIMA 4 C	
		C1	C3
Tensile strength: L (N/5cm) (UEatc)	MDV	800	1300
Tensile strength: T (N/5cm) (UEatc)	MDV	700	1100
Elongation at break: L (%) (UEatc)	MDV	45	45
Elongation at break: T (%) (UEatc)	MDV	45	40
Dimensional stability (%) (UEatc)	MLV	0,3	0,3
Cold flexibility (°C) (UEatc)	MLV	-15	-15
Softening point (°C) (UEatc)	MLV	140	140
Puncture resistance: L (N)	MLV	200	300
Puncture resistance: T (N)	MLV	200	300

MDV = average value / MLV = minimum value

Packing

	SOPRAGUM OPTIMA 4 C	
	C1	C3
Dimensions of the roll (m) <i>Upper side slate flakes (AF - AT)</i> <i>Upper side sand/talcum (TF - TT)</i>	8 x 1 10 x 1	8 x 1 10 x 1
Weight of the roll (kg) <i>Upper side slate flakes (AF - AT)</i> <i>Upper side sand/talcum (TF - TT)</i>	42 41	42 41
Number of rolls per pallet <i>Upper side slate flakes (AF - AT)</i> <i>Upper side sand/talcum (TF - TT)</i>	25 23	25 23

Installation

	Installation
SOPRAGUM OPTIMA 4 AF C1 or C3	Torch-on method
SOPRAGUM OPTIMA 4 TF C1 or C3	Torch-on method
SOPRAGUM OPTIMA 4 AT C1 or C3	Cold glue or torch-on method
SOPRAGUM OPTIMA 4 TT C1 or C3	Cold glue or torch-on method

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

Certifications

ATG approval nr. 1558

Avis technique nr. 5/04 - 1753

Also available with extension FR: complies with the fire resistance standards B_{roof} (t1)

eg: SOPRAGUM OPTIMA 4 AF FR

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 EN ISO 9001:2000.



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