



SOPRAGUM OPTIMA 4 PY

Type PY1 & PY2

Description

Waterproofing membrane composed by APP modified bitumen with a non-woven polyester reinforcement. 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).

Application

SOPRAGUM OPTIMA is used as an upper layer in a multi-layer system.

Composition

		SOPRAGUM OPTIMA 4 PY	
		PY1	PY2
Membrane thickness on selvedge		4 mm	4 mm
Reinforcement non-woven polyester (g/m ²)	MDV	180	250
Coating mass		APP	APP
Upper side		Mineral slates or sand/talcum	Mineral slates or sand/talcum
Lower side		PE film	PE film

Characteristics

		SOPRAGUM OPTIMA 4 PY	
		PY1	PY2
Tensile strength: L (N/5cm) (UEatc)	MDV	950	1200
Tensile strength: T (N/5cm) (UEatc)	MDV	650	950
Elongation at break: L (%) (UEatc)	MDV	40	45
Elongation at break: T (%) (UEatc)	MDV	45	50
Dimensional stability (%) (UEatc)	MLV	0,5	0,5
Cold flexibility (°C) (UEatc)	MLV	-15	-15
Softening point (°C) (UEatc)	MLV	140	140
Puncture resistance: L (N)	MLV	125	150
Puncture resistance: T (N)	MLV	125	150

MDV = average value / MLV = minimum value

Packing

	SOPRAGUM OPTIMA 4 PY	
	PY1	PY2
Dimensions of the roll (m) <i>Upper side slate flakes (AF)</i> <i>Upper side sand/talcum (TF)</i>	8 x 1 10 x 1	8 x 1 10 x 1
Weight of the roll (kg) <i>Upper side slate flakes (AF)</i> <i>Upper side sand/talcum (TF)</i>	42 41	42 41
Number of rolls per pallet <i>Upper side slate flakes (AF)</i> <i>Upper side sand/talcum (TF)</i>	25 23	25 23

Installation

	Installation
SOPRAGUM TECHNO 4 AF PY1	Torch-on method
SOPRAGUM TECHNO 4 TF PY1	Torch-on method
SOPRAGUM TECHNO 4 AF PY2	Torch-on method
SOPRAGUM TECHNO 4 TF PY2	Torch-on method

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

Certifications

ATG approval nr. 1558

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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