

SOPRALENE FLAM 180 TF

Membrane composed of SBS modified bitumen with a polyester reinforcement. The upper surface is finished with talcum/sand. The lower surface is protected by a thermofusible film.

Application

Used as a single layer waterproofing membrane or upper layer within a multi layer system under ballast, or as an underlayer in a multilayer system.

Composition

	SOPRALENE FLAM 180 TF
Reinforcement	polyester
Upperside	talcum/sand
Color	natural
Lowside	foil
Coating mass	SBS modified bitumen

Packing

	SOPRALENE FLAM 180 TF
Dimensions of the roll (m)	8 x 1
Weight of the roll (kg)	40
Number of rolls per pallet	23

Characteristics

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Membrane thickness (mm)	MDV	4,0
Weight (kg/m ²)	MDV	5,0
Tensile strength: L (N/5cm) (EN 12311-1)	MDV	850
Tensile strength: T (N/5cm) (EN 12311-1)	MDV	650
Elongation at break: L (%) (EN 12311-1)	MDV	45
Elongation at break: T (%) (EN 12311-1)	MDV	45
Dimensional stability (%) (EN 1107-1)	MLV	0,5
Nail tear resistance: L (N) (EN 12310-1)	MDV	175
Nail tear resistance: T (N) (EN 12310-1)	MDV	175
Cold flexibility (°C) (EN 1109)	MLV	-20
Softening point (°C) (EN 1110)	MLV	110
Reaction to fire (EN 13501-1)		NPD

MDV = manufacturer declared value / MLV = manufacturer limited value / NPD = no performance determined

Installation

Torch applied including the selvedge.

Certifications

 0749-CPD-BC2-310-0300-0123-01

Year : 2013
Standard : EN 13707
DoP : WPBBE317

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 9001:2008** and **EN ISO 14001:2004**.



ISO 9001
ISO 14001



Marnix DERKS
Technical Director