

SOPRALENE GARDEN 5800

Description

Membrane composed of elastomer modified bitumen with root-repellent additives and a composite polyester reinforcement. Used as an upper layer within a single or multi layer waterproofing system for green roofs. The upper surface is finished with slates and the overlap is protected by a thermofusible film. The lower surface is protected by a thermofusible film.

Composition

Reinforcement	composite polyester
Finish upper side	slates
Colour	natural black
Finish lower side	thermofusible film
Coating mass	elastomer modified bitumen

Packing

Dimensions of the roll (m)	8 x 1
Mass/roll (kg)	47
Rolls/pallet	20

Characteristics

Membrane mass (kg/m ²) (EN 1849-1)	MDV	5,8
Membrane thickness overlap (mm) (EN 1849-1) (indicative)	MDV	3,9
Membrane thickness finishing (mm) (EN 1849-1) (indicative)	MDV	4,8
Tensile force L (N/5cm) (EN 12311-1)	MDV	850
Tensile force T (N/5cm) (EN 12311-1)	MDV	650
Elongation at maximum tensile force L (%) (EN 12311-1)	MDV	35
Elongation at maximum tensile force T (%) (EN 12311-1)	MDV	35
Dimensional stability (%) (EN 1107-1)	MLV	0,3
Resistance to tearing (nail shank) L (N) (EN 12310-1)	MDV	200
Resistance to tearing (nail shank) B (N) (EN 12310-1)	MDV	200
Flexibility at low temperature (°C) (EN 1109)	MLV	-20
Flow resistance at elevated temperature (°C) (EN 1110)	MLV	110

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

Installation

- Fully applied by torch-on or hot-air method including the overlaps.

Certifications

Resistant to root growth according to EN 13948.

Special indications

Hygiene, Health and Environment

The product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety Requirements. For more information, please refer to the relevant safety data sheet.

Quality-, Environment- and Safety Management

SOPREMA always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality and Environment Assurance Systems in line with **EN ISO 9001** and **EN ISO 14001**.