

SOPRALENE OPTIMA 4 GF C3 FR Ultra Reflect

Description

Membrane composed of elastomer modified bitumen with fire retardant additives and a composite polyester reinforcement. Used as a reflective upper layer within a single or multi layer waterproofing system where a high reflectivity of solar radiation is desired and fire retardant properties are required.

The upper surface is finished with pale reflective granules and the overlap is protected by a thermofusible film.

The lower surface is protected by thermofusible film.

Composition

Reinforcement	composite polyester
Reinforcement weight (g/m ²)	250
Finish upper side	granules
Colour	pale
Finish lower side	thermofusible film
Coating mass	elastomer modified bitumen

Packing

Dimensions of the roll (m)	8 x 1 / 6 x 1
Mass/roll (kg)	45 / 34
Rolls/pallet	23 / 30

Characteristics

Thickness (mm) (EN 1849-1)	MDV	4,0
Mass (kg) (EN 1849-1) (indicative)	MDV	5,8
Tensile force L (N/5cm) (EN 12311-1)	MDV	1300
Tensile force T (N/5cm) (EN 12311-1)	MDV	1000
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	275
Resistance to tearing (nail shank) B (N) (EN 12310-1)	MDV	275
Flexibility at low temperature (°C) (EN 1109)	MLV	-30
Flow resistance at elevated temperature (°C) (EN 1110)	MLV	110
SRI (Solar Reflectance Index) (ASTM E. 1980-01)		76
SRI after ageing (ASTM D. 7897 - ASTM E. 1980)		68

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

ATG 1557

Meets classification Broof (t4) according to EN 13501 part 5. Consult certificate for more information.

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**.

SOPREMA reserves the right to amend the composition of its material and consequently their prices, without prior notice. For this reason, all orders will be accepted only in accordance with the conditions and technical specifications in force at the date of order.

Contact: www.Soprema.com