

SOPRALENE MF 5500

Description

Membrane composed of elastomer modified bitumen with fire retardant additives and a composite polyester reinforcement. Used as an upper layer within a single or multi layer waterproofing system where fire retardant properties are required. 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) | 44 |
| Rolls/pallet | 20 |

Characteristics

| | | |
|--|-----|------|
| Membrane mass (kg) (EN 1849-1) | MDV | 5,5 |
| Membrane thickness overlap (mm) (EN 1849-1) (indicative) | MDV | 3,8 |
| Membrane thickness finishing (mm) (EN 1849-1) (indicative) | MDV | 4,4 |
| Tensile force L (N/5cm) (EN 12311-1) | MDV | 950 |
| Tensile force T (N/5cm) (EN 12311-1) | MDV | 750 |
| 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 |
| Resistance to impact at +23 °C (mm) (EN 12691-A) | MLV | 1000 |
| Resistance to impact at -10 °C (mm) (EN 12691-A) | MLV | 20 |
| Static loading (kg) (EN 12730-A) | MLV | 20 |
| 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

- Mechanically fastened in the overlap, overlaps torched
- Fully applied by torch-on or hot-air method including the overlaps.

Certifications

P-mark 0751 (SE) - Sintef 2284 (NO).

Meets classification Broof (t2) according to EN 13501 part 5. See 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