

SOPRALENE TECHNO VENTI 4 AF C1 FR

Description

Membrane with a vapour-pressure and tension dispersion system, composed of elastomer modified bitumen with fire retardant additives and a composite polyester reinforcement.
Used as a single layer waterproofing system on surfaces where fire retardant properties and partial adhesion are required. The upper surface is finished with slates and the overlap is protected by a thermofusible film.
The lower surface is provided with thermofusible bitumen stripes alternated with non-stick stripes protected by a thermofusible film.

Characteristics

| Composition | Standard | Unit | Value | Tolerance |
|---|--------------------------|-------------------|----------------------------|-----------|
| Reinforcement | | | composite polyester | |
| Reinforcement mass | | g/m ² | 170 | ± 15 % |
| Finish upper side | | | slates | |
| Colour | | | natural black / white | |
| Finish lower side | | | thermofusible film | |
| Coating mass | | | elastomer modified bitumen | |
| Technical characteristics | | | | |
| Thickness overlap | EN 1849-1 | mm | 4,0 | ± 5 % |
| Thickness membrane (indicative) | EN 1849-1 | mm | 5,3 | |
| Mass (indicative) | EN 1849-1 | kg/m ² | 6,1 | |
| Tensile force (L / T) | EN 12311-1 | N/50 mm | 850 / 650 | ± 20 % |
| Elongation at max. tensile force (L / T) | EN 12311-1 | % | 35 / 35 | ± 15 |
| Resistance to root penetration | EN 13948 | | NPD | |
| Resistance to static loading | EN 12730-A EN 12730-B | kg | ≥ 15 ≥ 15 | |
| Resistance to impact | EN 12691-A EN 12691-B | mm | ≥ 1000 ≥ 1500 | |
| Dimensional stability | EN 1107-1 | % | ≤ 0,3 | |
| Resistance to tearing (nail shank) (L / T) | EN 12310-1 | N | 270 / 270 | ± 25 % |
| Flexibility at low temperature | EN 1109 | °C | ≤ -20 | |
| Flexibility at low temperature after aging | EN 1109 / EN 1296 | °C | -10 | -15/+0 |
| Flow resistance at elevated temperature | EN 1110 | °C | ≥ 110 | |
| Flow resistance at elevated temperature after aging | EN 1110 / EN 1296 | °C | 100 | -0/+20 |
| Joint properties: peel resistance | EN 12316-1 | N/50 mm | 135 | ± 25 % |
| Joint properties: shear resistance | EN 12317-1 | N/50 mm | 670 | ± 25 % |
| Watertightness | EN 1928 | kPa/24 h | ≥ 10 | |
| Reaction to fire | EN 13501-1 | Class | NPD | |
| Packing | | | | |
| Dimensions of the roll | EN 1848-1 | m | ≥ 6 x 1 | |
| Mass/roll | EN 1941-1 | kg | ± 37 | |
| Rolls/pallet | | | 25 | |

NPD = no performance determined

Installation

- Torched with moderate flame to create adhesion of the thermofusible bitumen strips. The overlaps are torched.

Certifications

- **ATG 2025 (B)**

**Meets classification Broof(t1) 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**.