

SOPRALENE FLAM 250 TF

Description

Membrane composed of elastomer modified bitumen and a non woven polyester reinforcement.
Used as an upper layer under ballast within a single or multi layer waterproofing system or as a base layer within a multi layer waterproofing system.
The upper surface is finished with talcum/sand.
The lower surface is protected by a thermofusible film.

Characteristics

| Composition | Standard | Unit | Value | Tolerance |
|---|--------------------------|-------------------|----------------------------|-----------|
| Reinforcement | | | non woven polyester | |
| Reinforcement mass | | g/m ² | 250 | ± 15 % |
| Finish upper side | | | talcum/sand | |
| Colour | | | - | |
| Finish lower side | | | thermofusible film | |
| Coating mass | | | elastomer modified bitumen | |
| Technical characteristics | | | | |
| Thickness membrane | EN 1849-1 | mm | 4,0 | ± 5 % |
| Mass (indicative) | EN 1849-1 | kg/m ² | 5,0 | |
| Tensile force (L / T) | EN 12311-1 | N/50 mm | 1200 / 950 | ± 20 % |
| Elongation at max. tensile force (L / T) | EN 12311-1 | % | 45 / 45 | ± 15 |
| Resistance to root penetration | EN 13948 | | NPD | |
| Resistance to static loading | EN 12730-A EN 12730-B | kg | ≥ 20 ≥ 20 | |
| Resistance to impact | EN 12691-A EN 12691-B | mm | ≥ 1250 ≥ 1750 | |
| Dimensional stability | EN 1107-1 | % | ≤ 0,5 | |
| Resistance to tearing (nail shank) (L / T) | EN 12310-1 | N | 300 / 300 | ± 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 | ≥ 8 x 1 | |
| Mass/roll | EN 1941-1 | kg | ± 40 | |
| Rolls/pallet | | | 25 | |

NPD = no performance determined

Installation

- Fully applied by torch-on or hot-air method including the overlaps.
- Loose-laid in a system with heavy surface protection, overlaps torched.

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

Certifications

BBA 3098 (UK)

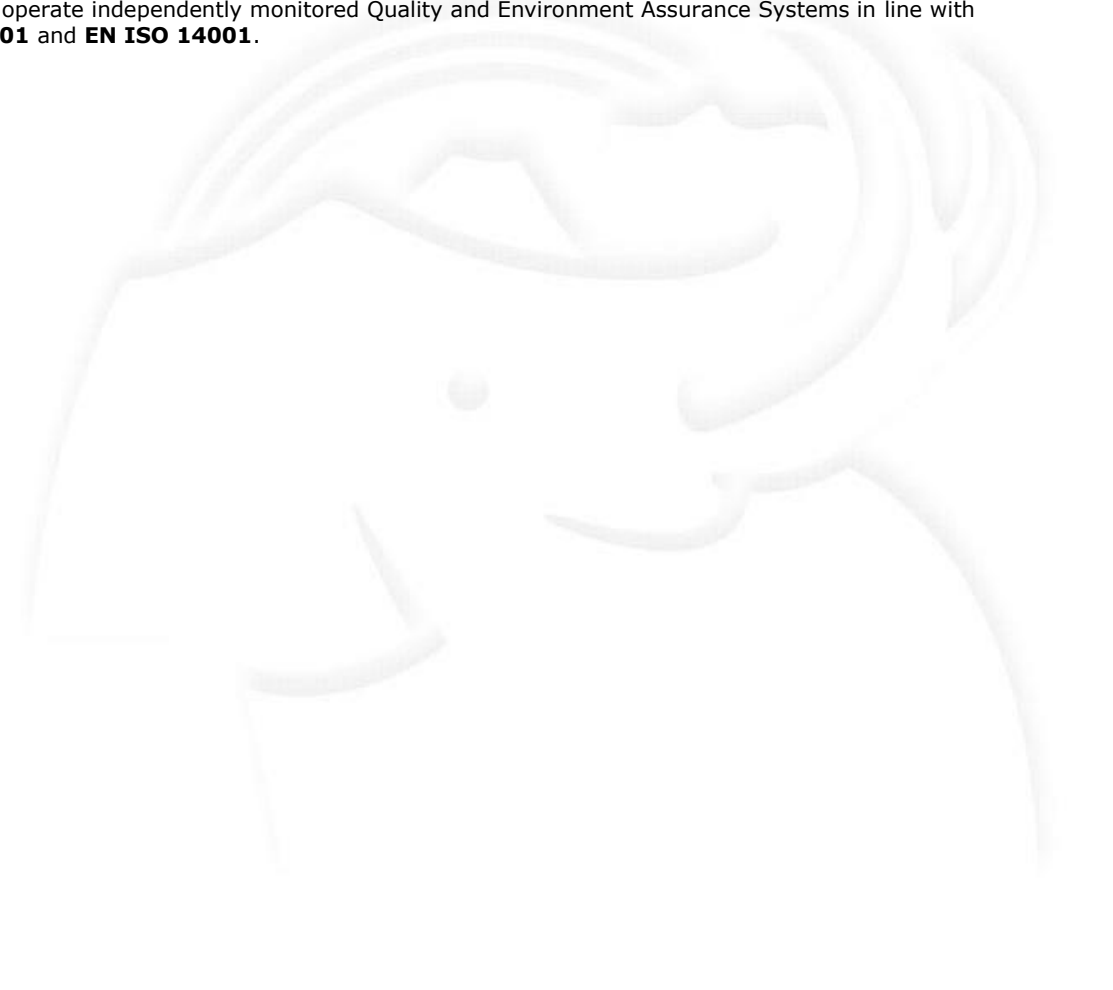
Special indications

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