

## SOPRALENE MONOFLEX 4 AmF C1 FR

### Description

Membrane composed of SBS modified bitumen with fire retardant additives and a composite polyester reinforcement.

Used as a single layer waterproofing system on surfaces 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 macro perforated thermofusible film and talcum/sand.

### Composition

|                      | SOPRALENE MONOFLEX 4 AmF C1 FR      |
|----------------------|-------------------------------------|
| Reinforcement        | composite polyester                 |
| Finishing upper side | slates                              |
| Colour               | slate black / Bourgogne             |
| Finishing lower side | macro perforated thermofusible film |
| Coating mass         | SBS modified bitumen                |

### Packing

|                            | SOPRALENE MONOFLEX 4 AmF C1 FR |
|----------------------------|--------------------------------|
| Dimensions of the roll (m) | 8 x 1                          |
| Mass of the roll (kg)      | 47                             |
| Number of rolls per pallet | 23                             |

### Characteristics

|  |     | SOPRALENE MONOFLEX 4 AmF C1 FR |
|--|-----|--------------------------------|
| Membrane thickness (mm) (EN 1849-1)                    | MDV | 5,0                            |
| Maximum tensile force L (N/5cm) (EN 12311-1)           | MDV | 850                            |
| Maximum tensile force T (N/5cm) (EN 12311-1)           | MDV | 650                            |
| Elongation at max. tensile force L (%) (EN 12311-1)    | MDV | 45                             |
| Elongation at max. tensile force T (%) (EN 12311-1)    | MDV | 45                             |
| 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

SOPREMA UK Limited 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.



**SOPREMA**

Bituminous waterproofing

# TECHNICAL DATASHEET



**BETF-WPBEO14.a/ENG**  
cancels and replaces  
**BETF-014/297-11/ENG**

## Installation

- Fully adhered with bituminous cold adhesive, overlaps torched.
- Fully torched, including the overlaps.
- Fully adhered with hot bitumen, overlaps torched.

## Certifications



Nr: **0749-CPR-BC2-310-0300-0123-01**  
Year: **2004**  
Standard: **EN 13707**

### ATG 2024.

**Meets classification Broof (t1) according to EN 13501 part 5. See certificate for more information.**

## Special indications

### Health and Environment

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

### Quality and Environment Management

**SOPREMA** has always attached the highest importance to the quality of the products and the environment.

For this reason, we operate independently monitored Quality and Environment Assurance Systems in line with **EN ISO 9001** and **EN ISO 14001**.



Marnix DERKS  
Technical Director

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**SOPREMA**  
GROUP