

## SOPRALENE MONOFLEX 4 GmF 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 granules 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 GmF C1 FR
Reinforcement	composite polyester
Finish upper side	granules
Colour	black / mixed brown
Finish lower side	macro perforated thermofusible film
Coating mass	SBS modified bitumen

### Packing

	SOPRALENE MONOFLEX 4 GmF C1 FR
Dimensions of the roll (m)	8 x 1
Mass/roll (kg)	51
Rolls/pallet	23

### Characteristics

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Membrane thickness overlap (mm) (EN 1849-1)	MDV	4,0
Membrane thickness finishing (mm) (EN 1849-1) (indicative)	MDV	5,0
Membrane mass (kg) (EN 1849-1) (indicative)	MDV	6,4
Tensile force L (N/5cm) (EN 12311-1)	MDV	850
Tensile force T (N/5cm) (EN 12311-1)	MDV	650
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) T (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**

Bituminous waterproofing

# TECHNICAL DATASHEET



BETF-WPBBE0012.b/EN  
cancels and replaces  
BETF-WPBBE0012.a/EN

## Installation

- Fully adhered with bituminous cold adhesive, overlaps torched.
- Torch-on or hot-air method including the overlaps.
- Fully adhered with hot bitumen, overlaps torched.

## Certifications



No.: **0749**  
Standard: **EN 13707**  
Year: **2004**

**ATG 2024 (B) - BBA 3098 (UK)**

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

## Special indications

### Hygiene, Health and Environment

The membrane 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**.



Marnix DERKS  
Technical Director  
Grobbendonk, 29/01/2018

**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](http://www.Soprema.com)

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GROUP