

## SOPRALENE FLAM 180 TF

### Description

Membrane composed of SBS 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 an under layer within a multi layer waterproofing system.  
The upper surface is finished with talcum/sand.  
The lower surface is protected by a thermofusible film.

### Composition

	SOPRALENE FLAM 180 TF
Reinforcement	non woven polyester
Finish upper side	talcum/sand
Colour	-
Finish lower side	thermofusible film
Coating mass	SBS modified bitumen

### Packing

	SOPRALENE FLAM 180 TF
Dimensions of the roll (m)	8 x 1
Mass/roll (kg)	40
Rolls/pallet	28

### Characteristics

		SOPRALENE FLAM 180 TF
Membrane thickness (mm) (EN 1849-1)	MDV	4,0
Membrane mass (kg) (EN 1849-1) (indicative)	MDV	5,0
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	45
Elongation at maximum tensile force T (%) (EN 12311-1)	MDV	45
Dimensional stability (%) (EN 1107-1)	MLV	0,5
Resistance to tearing (nail shank) L (N) (EN 12310-1)	MDV	175
Resistance to tearing (nail shank) T (N) (EN 12310-1)	MDV	175
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-WPBBE0317.b/EN  
cancels and replaces  
BETF-WPBBE0317.a/EN

## Installation

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

## Certifications



No.: **0749**  
Standard: **EN 13707**  
Year: **2013**

**BBA 3098 (UK)**

## 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)

**SOPREMA**  
GROUP