

## SOPRALENE FLAM 180 AF

### Description

Membrane composed of SBS modified bitumen and a non woven polyester reinforcement.  
Used as an upper layer within a multi layer waterproofing system.  
The upper surface is finished with slates and the overlap is protected by a thermofusible film.  
The lower surface is protected by a thermofusible film.

### Composition

	<b>SOPRALENE FLAM 180 AF</b>
Reinforcement	non woven polyester
Finishing upper side	slates
Colour	natural black
Finishing lower side	thermofusible film
Coating mass	SBS modified bitumen

### Packing

	<b>SOPRALENE FLAM 180 AF</b>
Dimensions of the roll (m)	8 x 1
Mass/roll (kg)	46
Rolls/pallet	25

### Characteristics

		<b>SOPRALENE FLAM 180 AF</b>
Membrane thickness (mm) (EN 1849-1)	MDV	4,5
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

### Installation

- Torch-on or hot-air method including the overlaps.

**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.

**SOPREMA**

Bituminous waterproofing

# TECHNICAL DATASHEET



BETF-WPBBE0318.a/EN  
cancels and replaces  
BETF-318/071-14/EN

## Certifications



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

**BBA 3098**

## 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  
Grobendonk, 17/10/2017

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**SOPREMA**  
GROUP