



Bituminous waterproofing

DECLARATION OF PERFORMANCE

N° WPBBE318 Version b

1 - Unique identification Code of the product type:

SOPRALENE FLAM 180 AF

2 - Identification of the construction product, in accordance with article 11(4):

Production date: see product packaging

3 - Intended use(s) of the construction product:

Reinforced bituminous sheet for roof waterproofing

4 - Name, registered trade name or registered trade mark and contact address of the manufacturer in accordance with article 11(5):

**Soprema NV
Bouwelven 5
2280 Grobbendonk
Belgium**

5 - Name and contact address of authorised representative in accordance with article 12(2):

Not applicable

6 - System(s) of assessment and verification of constancy of performance of the product as set out in Annex V:

EN 13707 system 2+

7 - In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified factory production control certification body BCCA npo under registration number 0749 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control. Soprema NV has carried out the determination of the product-type on the basis of type testing, type calculation, tabulated values or descriptive documentation of the product and the factory production control

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8 – Declared performances

Essential characteristics	Performances	Units	Harmonised technical specification
External fire performance (note 1)	F _{ROOF} (t1, t2, t3, t4)	-	EN 13707:2004 + A2 :2009
Reaction to fire	NPD	-	
Watertightness	Pass	-	
Tensile strength : maximum tensile force: longitudinal direction transversal direction elongation at maximum force: longitudinal direction transversal direction	850 ± 20 % 650 ± 20 % 45 ± 15 abs 45 ± 15 abs	N/50 mm %	
Root resistance	NPD	-	
Resistance to static loading	NPD	kg	
Resistance to impact : method A method B	NPD NPD	mm mm	
Resistance to tearing	175 -0/+50 %	N	
Joint strength : peel resistance of joints shear resistance of joints	NPD NPD	N/50 mm N/50 mm	
Durability UV, heat and water Heat flow after heat oven exposure Pliability after heat oven exposure	NPD 110 -10 ± 10	- °C °C	
Pliability	≤ -20	°C	
Dangerous substances (note 2)	See note 3	-	

- 1) since external fire performance depends on the other components of the roof build-up, no performance can be given
- 2) this product does not contain asbestos or tar constituents
- 3) in the absence of European harmonized test methods, verification and declaration on release and content has to be done taking into account national provisions in the place of use

9 - The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4

Signed for and on behalf of the manufacturer by:



Marnix Derks, Technical Director
Grobendonk, 12.03.2014