



Solutions for bituminous waterproofing

## **DECLARATION OF PERFORMANCE**

**n° WPBFR230.b**

**Date : January, 03<sup>rd</sup> 2017**

*1 – Unique identification code of the product-type:*

**WPBFR230**

*Commercial name (s) :*

**SOPRALENE FLAM 180 AR  
SOPRALENE FLAM 180 AR FE**

*2 – Intended use(es):*

**Reinforced bitumen sheets for roof waterproofing**

*3 – Manufacturer:*

**SOPREMA SAS  
14, rue de Saint-Nazaire – CS 60121  
67100 STRASBOURG  
www.soprema.com**

*4 – Authorised representative:*

**Non applicable**

*5 – System(s) of assessment and verification of constancy of performance:*

**AVCP 2+**

*6a – Harmonised standard : **EN 13707:2004 + A2:2009***

*Notified body(ies):*

**The Kiwa Polymer Institut GmbH (Notified Body n°1119):**

- **performed the inspection of the system of Factory Production Control under system 2+**
- **issued the conformity certificates of Factory Production Control.**

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7 – Declared performance(s) :

Essential characteristics	Performances	Harmonised Technical Specification
Classification for external fire exposure (Note 1)	<b>F<sub>ROOF</sub> (t1,t2,t3,t4)</b>	<b>EN 13707:2004 + A2:2009</b>
Reaction to fire	<b>E</b>	
Watertightness	<b>Conform</b>	
Tensile properties : Tensile strength L x T (N / 50 mm) Elongation L x T (%)	<b>≥ 550 x 400 30 x 30</b>	
Root resistance	<b>NPD</b>	
Resistance to static loading (kg)	<b>20</b>	
Resistance to impact (mm)	<b>1000</b>	
Resistance to tearing (N)	<b>≥ 200</b>	
Joint strength Peel resistance of joints (N / 50 mm) Shear resistance of joints (N / 50 mm)	<b>NPD NPD</b>	
Durability Flow resistance at elevated temperature after ageing	<b>90°C</b>	
Flexibility at low temperature	<b>-16°C</b>	
Dangerous substances (Notes 2 and 3)	<b>Complies</b>	

Note 1 : Since external fire performance depends on the other components of the roof build-up, no performance can be given.

Note 2 : This product does not contain asbestos or tar constituents.

Note 3 : Since there is no European test method available, no performance declaration for leaching behavior can be made. It must be made according to national rules in force in the place of use.

8 – Appropriate Technical Documentation and/or Specific Technical Documentation:

**Non applicable**

*The performances of the product identified above is in conformity with the set of declared performance (s). This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.*

Signed for and on behalf of the manufacturer by :

**Strasbourg,  
Export Technical Manager, Mr Pascal MOUGEOT-LUDIN**

