

DECLARATION OF PERFORMANCE

n° WPBFR211

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

WPBFR211

Commercial name (s):

ELASTOPHENE FLAM 180-25

2 – *Intended use(es):*

**Reinforced bitumen sheets for roof waterproofing
Bitumen damp proof sheets including bitumen basement tanking sheets, type A**

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
EN 13969:2004 + A1:2006**

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) (EN 13501-5)	F_{ROOF} (t1,t2,t3,t4)	EN 13707:2004 + A2:2009
Resistance to root penetration (EN 13948)	NPD	
Peel resistance of joints (N / 50 mm) (EN 12316-1)	NPD	
Durability (EN 1296 / EN 1110) Flow resistance at elevated temperature after ageing	90°C	EN 13969:2004 + A1:2006
Durability (EN 1296 / EN 1928) Watertightness after ageing	Conform	
Resistance to static loading – Method B (kg) (EN 12730) Method B in on rigid substrate (concrete)	15	
Reaction to fire (EN 13501-1)	E	EN 13707:2004 + A2:2009
Watertightness (EN 1928)	Conform	
Resistance to impact – Method A (mm) (EN 12691) Method A is on rigid substrate (aluminum)	1000	
Shear resistance of joints (N / 50 mm) (EN 12317-1)	≥ 400	EN 13707:2004 + A2:2009
Flexibility at low temperature (EN 1109)	-16°C	
Tensile properties: (EN 12311-1) Tensile strength L x T (N / 50 mm) Elongation L x T (%)	≥ 550 x 400 30 x 30	
Resistance to static loading – Method A (kg) (EN 12730) Method A is on smooth substrate (EPS)	20	EN 13969:2004 + A1:2006
Resistance to tearing (nail shank) (N) (EN 12310-1)	≥ 200	
Dangerous substances (Notes 2 and 3)	Complies	

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, date: 7th May 2018 (ver. c)
Export Technical Manager, Mr Pascal MOUGEOT-LUDIN

