

DECLARATION OF PERFORMANCE

N° WPBBE0320

Unique identification code of the product type: **SOPRALENE FLAM 250 AF**
 Intended use(s): **Reinforced bituminous sheet for roof waterproofing**
 Manufacturer: **Soprema NV
Bouwvelven 5 - 2280 Grobbendonk
Belgium**
 System(s) of AVCP: **system 2+**
 Harmonised standard: **EN 13707:2004 + A2:2009**
 Notified body/ies: **0749**

Declared performances

| Essential characteristics | Performances | Test standard | Harmonised standard |
|--|------------------------------------|--------------------------|-------------------------|
| External fire performance (note 1) | F _{ROOF} (t1, t2, t3, t4) | EN 13501-5 | EN 13707:2004 + A2:2009 |
| Reaction to fire | NPD | EN 13501-1 | |
| Watertightness | pass | EN 1928-A | |
| Tensile strength: longitudinal (N/50 mm) | 1200 ± 20 % | EN 12311-1 | |
| transversal (N/50 mm) | 950 ± 20 % | | |
| Elongation at maximum tensile strength: longitudinal (%) | 45 ± 15 abs | | |
| transversal (%) | 45 ± 15 abs | | |
| Resistance to root penetration | NPD | EN 13948 | |
| Resistance to static loading (kg) | ≥ 20 | EN 12730-A | |
| Resistance to impact (mm) | ≥ 1250 ≥ 1750 | EN 12691-A EN 12691-B | |
| Resistance to tearing (nail shank) (N) | 225 -0/+50 % | EN 12310-1 | |
| Joint properties: peel resistance (N/50 mm) | 100 -0/+50 % | EN 12316-1 | |
| shear resistance (N/50 mm) | 500 -0/+50 % | EN 12317-1 | |
| Behaviour after artificial aging | NPD | EN 1287 | |
| durability UV, heat and water | 100 -0/+20 | EN 1110 | |
| flow resistance at elevated temperature (°C) | -10 -15/+0 | EN 1109 | |
| flexibility at low temperature (°C) | ≤ -20 | EN 1109 | |
| Dangerous substances (note 2) | note 3 | - | |

NPD = no performance determined

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

The performance 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: **Marnix Derks, Technical Director**
Grobbendonk, 25/04/2018



SOPREMA NV 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.