

DECLARATION OF PERFORMANCE

N. WPBIT0163

| | |
|---|--|
| Unique identification code of the product-type: | SOPRAFLEX P MINERAL |
| Intended use/es: | Flexible sheets for waterproofing. Reinforced bitumen sheets for roof waterproofing (EN13707:2013) Flexible sheets for waterproofing. Bitumen damp proof sheets including bitumen basement tanking sheets (EN13969:2004 /A1:2006) |
| Manufacturer: | SOPREMA s.r.l Via Industriale dell'Isola,3 24040 CHIGNOLO D'ISOLA (BG) - Italy www.soprema.it |
| Authorised representative: | not applicable |
| System/s of AVCP: | SYSTEM 2+ |
| Harmonised standard: | EN13707:2013 EN13969:2004 /A1:2006 |
| Notified body/ies: | Notified Body No. 1381 SGS ITALIA S.P.A. |
| Declared performance/s: | |

| Essential characteristic | Test method | Performance | Harmonised technical specification |
|--|-------------------------|---------------------|--|
| Flexibility at low temperature (pliability) (°C) | EN1109 | </= -10 | EN13707:2013; EN13969:2004 /A1:2006 |
| Watertightness (kPa) | EN1928-B | >/= 100 | |
| Tensile properties: maximum tensile strength (N/50 mm) | EN12311-1 | -20% 500 350 | |
| Tensile properties: elongation at break (%) | EN12311-1 | -15 40 40 | |
| Resistance to tearing (nail shank) (N) | EN12310-1 | -30% 150 150 | |
| Shear resistance of joints (N/50 mm) | EN12317-1 | -20% 500 350 | |
| Resistance to static puncture (kg) | EN12730-A | NPD | |
| Resistance to impact (mm) | EN12691-A | NPD | |
| Reaction to fire | EN11925-2/EN13501 -1+A1 | E | |

DECLARATION OF PERFORMANCE

N. WPBIT0163

Declared performance/s:

| Essential characteristic | Test method | Performance | Harmonised technical specification |
|--|---------------------|-------------------|------------------------------------|
| Dimensional stability (%) | EN1107-1 | </= ±0,3 ±0,3 | EN13707:2013 |
| External fire performance (note 1) | EN1187/EN13501-5+A1 | Froof | |
| Determination of adhesion of granules (Loss) (%) | EN12039 | <30 PASSED | |
| Visible defects | EN1850-1 | PASSED | |
| Durability: Flexibility at low temperature after artificial ageing (°C) | EN1296/EN1109 | NPD | |
| Durability: Flow resistance at elevated temperature after artificial ageing (°C) | EN1296/EN1110 | -10 110 | |

| Essential characteristic | Test method | Performance | Harmonised technical specification |
|--|-----------------|----------------------|------------------------------------|
| Durability: Watertightness after artificial ageing (kPa) | EN1296/EN1928-B | >/= 60 PASSED | EN13969:2004 /A1:2006 |
| Durability: Watertightness against chemicals | EN1296/EN1847 | NPD | |

Note (1): external fire performance depends on the complete system used on the layer, no performance can be declared for the single product.

Note (2): in the absence of European harmonized test methods, verification and declaration on release/content will be made taking into account national provisions

Note (3): Dangerous substances free

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: Sig. BROCCANELLO Bruno, Managing Director

Chignolo d'Isola, 01/10/2017

