

- 1) Unique identification code of the product-type: **SOPRA XPS WF, XPS WF**
- 2) Intended use/es: **Thermal insulation products for buildings**
- 3) Manufacturer: **SOPREMA - 14 rue de Saint-Nazaire, CS 60121, 67025 Strasbourg Cedex, France**
- 4) Authorised representative:
- 5) System/s of AVCP: **3**
- 6) Harmonised standard: **EN 13164:2012+A1:2015**
Notified body/ies: **0751 ; 1136 ; 1640**
- 7) Declared performance/s:

| Essential characteristics (e) | | Test Standard | Performance | | | Harmonised standard | |
|---|---|--------------------------------|---|---|---|-----------------------|--|
| Thermal resistance - R_D | Thermal resistance - R_D and Thermal conductivity - λ_D | EN 12667 | λ_D W/(m.K) 0,033 0,034 0,035 0,036 | d_N mm 20-80 85-120 130-200 210-300 | R_D m ² .K/W 0,60-2,40 2,50-3,55 3,70-5,70 5,80-8,30 | EN 13164:2012+A1:2015 | |
| | Thickness - d_N | EN 823 | T1 | | | | |
| | Reaction to fire | Reaction to fire | EN 13501-1 | E | | | |
| | Durability of reaction to fire against heat, weathering, ageing/degradation | Durability characteristics (a) | EN 13501-1 | E | | | |
| Durability of thermal resistance against heat, weathering, ageing/degradation | Thermal resistance - R_D and thermal conductivity - λ_D | EN 12667 | λ_D W/(m.K) 0,033 0,034 0,035 0,036 | d_N mm 20-80 85-120 130-200 210-300 | R_D m ² .K/W 0,60-2,40 2,50-3,55 3,70-5,70 5,80-8,30 | | |
| | Durability characteristics (b) | EN 1604 | DS(70,90) (30-300 mm) | | | | |
| | Freeze-thaw resistance | EN 12091 | FTCD1 (30-300 mm) | | | | |
| Compressive strength | Compressive stress or compressive strength (c) | EN 826 | CS(10\Y)250 (20 mm) CS(10\Y)300 (30-300 mm) | | | | |
| Tensile/Flexural strength | Tensile strength perpendicular to faces | EN 1607 | TR200 (30-300 mm) | | | | |
| Durability of compressive strength against ageing/degradation | Compressive creep | EN 1606 | NPD | | | | |
| Water permeability | Long term water absorption by total immersion | EN 12087 | WL(T)0,7 (30-300 mm) | | | | |
| | Long term water absorption by diffusion | EN 12088 | WD(V)3 (30-55 mm) | | | | |
| | | | WD(V)2 (60-95 mm) WD(V)1 (100-300 mm) | | | | |
| Water vapour permeability | Water vapour transmission | EN 12086 | MU150 (30-300 mm) | | | | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances (d) | --- | NPD | | | | |
| Continuous glowing combustion | Continuous glowing combustion (d) | --- | NPD | | | | |

NPD = No performance determined

(a) The fire performance of XPS does not deteriorate with time.

(b) For dimensional stability thickness only.

(c) This characteristic also covers handling and installation.

(d) European test methods are under development.

(e) Also valid and applicable for multilayers.

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: **Imma HUERTAS, XPS Europe Production Director**
at: **Tarragona**
on: **27.02.2023**

