

- 1) Unique identification code of the product-type: **SOPRA XPS PM, SOPRA XPS CW, SOPRA XPS MCR, XPS PM, XPS CW, XPS MCR**
- 2) Intended use/es: **Thermal Insulation Building**
- 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: **1168 ; 1169 ; 1722 ; 0751 ; 0071 ; 0370 ; 1136 ; 1640**
- 7) Declared performance/s:

Essential characteristics (e)		Test Standard	Performance	Harmonised standard
Thermal resistance - R <sub>D</sub>	Thermal resistance - R <sub>D</sub> and Thermal conductivity - λ <sub>D</sub>	EN 12667	λ <sub>D</sub> W/(m.K)    d <sub>N</sub> mm    R <sub>D</sub> m <sup>2</sup> .K/W <b>0,033    30-60    0,90-1,80</b> <b>0,035    65-200    1,85-5,70</b>	EN 13164:2012+A1:2015
	Thickness - d <sub>N</sub>	EN 823	<b>T1</b>	
Reaction to fire	Reaction to fire	EN 13501-1	<b>E</b>	
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics (a)	EN 13501-1	<b>E</b>	
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance - R <sub>D</sub> and thermal conductivity - λ <sub>D</sub>	EN 12667	λ <sub>D</sub> W/(m.K)    d <sub>N</sub> mm    R <sub>D</sub> m <sup>2</sup> .K/W <b>0,033    30-60    0,90-1,80</b> <b>0,035    65-200    1,85-5,70</b>	
	Durability characteristics (b)	EN 1604	<b>DS(70,90)</b>	
	Freeze-thaw resistance	EN 12091	<b>NPD</b>	
Compressive strength	Compressive stress or compressive strength (c)	EN 826	<b>CS(10\Y)250</b>	
Tensile/Flexural strength	Tensile strength perpendicular to faces	EN 1607	<b>TR200</b>	
Durability of compressive strength against ageing/degradation	Compressive creep	EN 1606	<b>NPD</b>	
Water permeability	Long term water absorption by total immersion	EN 12087	<b>WL(T)0,7</b>	
	Long term water absorption by diffusion	EN 12088	<b>WD(V)3    (30-55 mm)</b> <b>WD(V)2    (60-95 mm)</b> <b>WD(V)1    (100-200 mm)</b>	
Water vapour permeability	Water vapour transmission	EN 12086	<b>MU150</b>	
Release of dangerous substances to the indoor environment	Release of dangerous substances (d)	---	<b>NPD</b>	
Continuous glowing combustion	Continuous glowing combustion (d)	---	<b>NPD</b>	

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: **11.01.2021**

