

Unique identification code of the product type: **CELOTEX XPS 300 SL FN**  
 Intended use(s): **Thermal insulation for buildings**  
 Manufacturer: **Soprema Insulation Ltd T/A Celotex  
 Lady Lane Industrial Estate,  
 Hadleigh, Ipswich, Suffolk,  
 IP7 6BA  
 United Kingdom**  
 System(s) of AVCP: **System 3**  
 Harmonised standard: **EN 13164:2012+A1:2015**  
 Notified body/ies: **0751-1136-1173**  
 Declared performances

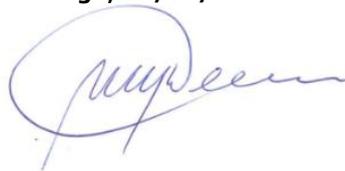
Essential characteristics <sup>5</sup>	Performances	Test standard	Harmonised technical specification
Thermal conductivity - $\lambda_D$ (W/(m.K)) 40 ≤ d ≤ 240 mm 240 < d ≤ 280 mm	0,032 <sup>1</sup> 0,033 <sup>1</sup>	EN 12667	EN 13164:2012 + A1:2015
Thermal resistance - $R_D$ (m <sup>2</sup> .K/W) 40 - 240 mm 245 - 280 mm	1,25 - 7,50 <sup>1</sup> 7,40 - 8,45 <sup>1</sup>	EN 12667	
Thickness tolerance - $d_N$	T1	EN 823	
Reaction to fire	F	EN 13501-1	
Durability of reaction to fire against heat, weathering, ageing/degradation	F <sup>2</sup>	EN 13501-1	
Durability against heat, weathering, ageing/degradation - Thermal conductivity - $\lambda_D$ (W/(m.K)) 40 ≤ d ≤ 240 mm 240 < d ≤ 280 mm - Thermal resistance - $R_D$ (m <sup>2</sup> .K/W) 40 - 240 mm 245 - 280 mm - Dimensional stability (≤ 5 %) - Freeze-thaw resistance (%) 40 ≤ d < 80 mm 80 ≤ d ≤ 280 mm	0,032 0,033 1,25 - 7,50 7,40 - 8,45 DS(70,90) FTCD1 FTCD2 <sup>3</sup>	EN 12667 EN 12667 EN 1604 EN 12091	
Compressive strength at 10 % deformation (kPa)	CS(10\Y)300	EN 826	
Tensile strength perpendicular to faces (kPa) 40 ≤ d < 80 mm 80 ≤ d ≤ 280 mm	NPD TR200	EN 1607	
Durability of compressive creep against ageing/degradation (kPa)	NPD	EN 1606	
Long term water absorption by total immersion (% v)	WL(T)0,7	EN 12087	
Long term water absorption by diffusion (% v) 40 ≤ d < 60 mm 60 ≤ d < 100 mm 100 ≤ d ≤ 280 mm	WD(V)3 WD(V)2 WD(V)1	EN 12088	
Water vapour diffusion resistance - $\mu$	150	EN ISO 10456	
Release of dangerous substances to the indoor environment	NPD <sup>4</sup>	-	
Continuous glowing combustion	NPD <sup>4</sup>	-	

NPD = no performance determined

- 1) The variation due to aging of the thermal conductivity and resistance has been taken into account in the indicated performance
- 2) The fire performance does not deteriorate with time
- 3) Multi-layer thermobond boards
- 4) 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
- 5) Also applicable and valid for multiple layers

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**  
**Hadleigh, 01/04/2025**



Soprema Insulation Ltd T/A Celotex 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.