

## DECLARATION OF PERFORMANCE

Document No. 24-DOPXR4000-01 UK

UK  
CA

- 1. Unique identification of the product type:**  
Celotex XR4000
- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:**  
See product label
- 3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:** Thermal Insulation for Buildings
- 4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):**  
Soprema Insulation Ltd trading as Celotex, Lady Lane Industrial Estate, Hadleigh, Ipswich, IP7 6BA
- 5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):**  
N/A
- 6. System or systems of Assessment and Verification of Constancy of Performance (AVCP) of the construction product as set out in Annex V:**  
System 4 (Reaction to Fire) and System 3 (other properties)
- 7. Covered by designated standard:**  
BS EN 13165:2012 + A2:2016  
**Name and address of the approved body determining product-type on the basis of initial type testing:**  
British Board of Agrément (No. 0836), Bucknalls Lane, Watford, Herts WD25 9BA

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## 8. Declared performance:

Essential characteristics	Declared performance			Designated standard
<b>Thickness tolerance</b>	$d_N$ 110-200mm		T2	BS EN 13165:2012 + A2:2016
<b>Thermal resistance</b>	Thermal resistance	$m^2.K/W$	5.00 (for $d_N$ 110 mm) 9.05 (for $d_N$ 200 mm)	
	Thermal conductivity	$W/m.K$	0.022	
<b>Length and width</b>	<1000mm	mm	$\pm 5$	
	1000 to 2000mm	mm	$\pm 7.5$	
	2001 to 4000mm	mm	$\pm 10$	
<b>Squareness</b>	$S_b$	mm/m	$\leq 5$	
<b>Flatness</b>	Length < 2.5m	mm	$\leq 5$	
	$\leq 0.75m^2$		$\leq 10$	
	$> 0.75m^2$			
<b>Reaction to fire</b>	Reaction to fire	Euroclass	F	
<b>Durability of Reaction to fire against heat, weathering, ageing/degradation</b>	Durability of Reaction to fire of the product as placed on the market	Euroclass	Does not change with time	
<b>Durability of thermal resistance against heat, weathering, ageing/ degradation</b>	Thermal resistance	$m^2.K/W$	5.00 (for $d_N$ 110 mm) 9.05 (for $d_N$ 200 mm)	
	Thermal conductivity	$W/m.K$	0.022	
	Durability characteristics	$m^2.K/W$	5.00 (for $d_N$ 110 mm) 9.05 (for $d_N$ 200 mm)	
		$W/m.K$	0.022	
	Dimensional stability		DS(70,90)3 DS(-20,-)1	
	Deformation under specified compressive load and temperature conditions		NPD	
Determination of the aged values of thermal resistance and thermal conductivity	$W/m.K$	0.022		
<b>Compressive strength</b>	Compressive stress or compressive strength	kPa	CS(10\Y)140	
<b>Tensile/flexural strength</b>	Tensile strength perpendicular to faces		NPD	
<b>Durability of compressive strength against ageing/ degradation</b>	Compressive creep		NPD	
<b>Water permeability</b>	Short term water absorption		NPD	
	Long term water absorption		NPD	
	Flatness after one side wetting		NPD	
<b>Water vapour permeability</b>	Water vapour transmission		NPD	
<b>Acoustic absorption index</b>	Sound absorption		NPD	
<b>Release of dangerous substances to the indoor environment</b>	Release of dangerous substances		NPD (a)	
<b>Reaction to fire of the product in standardised assemblies simulating end-use applications</b>	Reaction to fire of the product in standardised assemblies simulating end-use applications		NPD	
<b>Continuous glowing combustion</b>	Continuous glowing combustion		NPD (a)	

NPD = No Performance Determined

(a) No harmonised standard test method available

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Celotex reserves the right to alter or amend product specification without notice. The information given in this publication is correct to the best of our knowledge at the time of publication. Whilst Celotex will endeavor to ensure publications are up to date, it is the users responsibility to check with us that it is correct prior to use.

**9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.**

**This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.**

**Signed for and on behalf of the manufacturer by:**

A handwritten signature in black ink, appearing to read 'Marnix Derks', written in a cursive style.

**Marnix Derks  
Soprema NV**