

# DECLARATION OF PERFORMANCE

Document No. 22.DOPTB4000-02  
[insulation-uk.com/dop](http://insulation-uk.com/dop)

- 1. Unique identification of the product type:**  
Celotex TB4000
  - 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 product for buildings
  - 4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):**  
Saint-Gobain Construction Products UK Ltd trading as Celotex, Saint-Gobain House, East Leake, Loughborough, Leicestershire, LE12 6JU
  - 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 3
  - 7. Covered by a harmonised standard:**  
BS EN 13165:2012 + A2:2016
- Name and address of the notified body determining product-type on the basis of initial type testing:**  
British Board of Agrément (No. 0836), Bucknalls Lane, Watford, Herts WD25 9BA
- Name and address of the notified body determining the Reaction to Fire performance:**  
Warringtonfire Testing and Certification Limited (No. 0833), Holmesfield Road, Warrington WA1 2DS

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## 8. Declared performance:

Harmonised Technical Standard: BS EN 13165:2012 + A2:2016

Essential characteristics	Performance	Unit	Declared performance
<b>Product name</b>			Celotex TB4000
<b>Thickness</b>		mm	20-45
<b>Thickness tolerance</b>	dN 20-45mm		T2
<b>Thermal resistance</b>	Thermal resistance	m <sup>2</sup> .K/W	0.90
	Thermal conductivity	W/m.K	0.022
<b>Length and width</b>	<1000mm	mm	± 5
	1000 to 2000mm	mm	± 7.5
	2001 to 4000mm	mm	± 10
<b>Squareness</b>	S <sub>b</sub>	mm/m	≤ 5
<b>Flatness</b>	Length < 2.5m ≤ 0.75m <sup>2</sup> > 0.75m <sup>2</sup>	mm	≤ 5 ≤ 10
<b>Reaction to fire</b>	Reaction to fire	Euroclass	E
<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 <sup>2</sup> .K/W	0.90
	Thermal conductivity	W/m.K	0.022
	Durability characteristics	m <sup>2</sup> .K/W	0.90
		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)120
<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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**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 'Dean O'Sullivan', written in a cursive style.

**Dean O'Sullivan  
Managing Director  
Hadleigh, Suffolk.  
31st January 2022**

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