

# DECLARATION OF PERFORMANCE

**Document No. 22.DOPTCCW-01 UK**  
[insulation-uk.com/dop](http://insulation-uk.com/dop)

**UK  
CA**

- 1. Unique identification of the product type:**  
Thermaclass Cavity Wall 21
- 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):**  
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 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  
**Name and address of the approved 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:

Essential characteristics	Declared performance			Designated standard
Thickness tolerance	d <sub>N</sub> 65 - 140mm		T2	BS EN 13165:2012 + A2:2016
Thermal resistance	Thermal resistance	m <sup>2</sup> .K/W	3.05 (for d <sub>N</sub> 65 mm) 6.65 (for d <sub>N</sub> 140 mm)	
	Thermal conductivity	W/m.K	0.021	
Length and width	<1000mm	mm	± 5	
	1000 to 2000mm	mm	± 7.5	
Squareness	S <sub>b</sub>	mm/m	≤ 5	
Flatness	Length < 2.5m ≤ 0.75 m <sup>2</sup>	mm	≤ 5	
Reaction to fire	Reaction to fire	Euroclass	E	
Durability of Reaction to fire against heat, weathering, ageing/degradation	Durability of Reaction to fire of the product as placed on the market	Euroclass	Does not change with time	
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance	m <sup>2</sup> .K/W	3.05 (for d <sub>N</sub> 65 mm) 6.65 (for d <sub>N</sub> 140 mm)	
	Thermal conductivity	W/m.K	0.021	
	Durability characteristics	m <sup>2</sup> .K/W	3.05 (for d <sub>N</sub> 65 mm) 6.65 (for d <sub>N</sub> 140 mm)	
		W/m.K	0.021	
	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	0.021		
Compressive strength	Compressive stress or compressive strength	kPa	CS(10\Y)120	
Tensile/flexural strength	Tensile strength perpendicular to faces		NPD	
Durability of compressive strength against ageing/ degradation	Compressive creep		NPD	
Water permeability	Short term water absorption	kg/m <sup>2</sup>	WS(P)0.1	
	Long term water absorption		NPD	
	Flatness after one side wetting		NPD	
Water vapour permeability	Water vapour transmission		NPD	
Acoustic absorption index	Sound absorption		NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances		NPD (a)	
Reaction to fire of the product in standardised assemblies simulating end-use applications	Reaction to fire of the product in standardised assemblies simulating end-use applications		NPD	
Continuous glowing combustion	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 "Dean O'Sullivan". The signature is written in a cursive style with a large initial 'D'.

**Dean O'Sullivan  
Managing Director  
Hadleigh, Suffolk.  
29th September 2022**

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