

DECLARATION OF PERFORMANCE

Document No. 20.DOPTCCW-01

- 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 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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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.

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8. Declared performance: Harmonised Technical Standard: BS EN 13165:2012 + A2:2016

Essential characteristics	Performance	Unit	Declared performance			
Product name			Thermaclass Cavity Wall 21			
Thickness		mm	65	90	115	140
Thickness tolerance	d_N 65 - 140mm		T2			
Thermal resistance	Thermal resistance	$m^2.K/W$	3.05	4.25	5.45	6.65
	Thermal conductivity	$W/m.K$	0.021			
Length and width	<1000mm	mm	± 5			
	1000 to 2000mm	mm	± 7.5			
Squareness	S_b	mm/m	≤ 5			
Flatness	Length < 2.5m $\leq 0.75 m^2$	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	$m^2.K/W$	3.05	4.25	5.45	6.65
	Thermal conductivity	$W/m.K$	0.021			
	Durability characteristics	$m^2.K/W$	3.05	4.25	5.45	6.65
		$W/m.K$	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 Long term water absorption	kg/m^2	WS(P)0.1 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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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 fluid and cursive, with the first name "Dean" and the last name "O'Sullivan" clearly distinguishable.

**Dean O'Sullivan
Managing Director
Hadleigh, Suffolk.
23rd December 2020**

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