DECLARATION OF PERFORMANCE

Document No. 22.DOPCW4000-02
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1. **Unique identification of the product type:**
   Celotex CW4000

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
Product name			Celotex CW4000
Thickness		mm	25-100
Thickness tolerance	dN 25-100mm		T2
Thermal resistance	Thermal resistance	$m^2.K/W$	1.10
	Thermal conductivity	W/m.K	0.022
Length and width	<1000mm	mm	± 5
	1000 to 2000mm	mm	± 7.5
	2001 to 4000mm	mm	± 10
Squareness	S_b	mm/m	≤ 5
Flatness	Length < 2.5m ≤ $0.75m^2$ > $0.75m^2$	mm	≤ 5 ≤ 10
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	$m^2.K/W$	1.10
	Thermal conductivity	W/m.K	0.022
	Durability characteristics	$m^2.K/W$	1.10
		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
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		NPD 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:

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

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