DECLARATION OF PERFORMANCE

Document No. 24-DOPGA4000-01 UK

UK CA

1. **Unique identification of the product type:**
   Celotex GA4000
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

8. Declared performance:

Essential characteristics	Declared performance			Designated standard
Thickness tolerance	d_N 50-100mm		T2	BS EN 13165:2012 + A2:2016
Thermal resistance	Thermal resistance	$m^2.K/W$	2.25 (for d_N 50 mm) 4.50 (for d_N 100 mm)	
	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	F	
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	$m^2.K/W$	2.25 (for d_N 50 mm) 4.50 (for d_N 100 mm)	
	Thermal conductivity	W/m.K	0.022	
	Durability characteristics	$m^2.K/W$	2.25 (for d_N 50 mm) 4.50 (for d_N 100 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	
Compressive strength	Compressive stress or compressive strength	kPa	CS(10\Y)140	
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:

Marnix Derks
Soprema NV