

Declaration of Performance

Celotex TB4000

2016.DOPTB4000-01

1.	Unique identification code of the product-type	Celotex TB4000
2.	Intended use or uses of the product, in accordance with the applicable harmonised technical specification	Thermal insulation product for buildings
3.	Name and registered address of manufacturer	Saint-Gobain Construction Products UK trading as Celotex Saint-Gobain House Binley Business Park Coventry CV3 2TT
4.	System or systems of assessment and verification of constancy of performance of the product	System 3 with System 4 for reaction to fire
5.	Covered by harmonised standard	BS EN 13165:2012 + A2:2016
6.	Particular conditions applicable to the use of the product	Installed in accordance with the manufacturer's recommendations
7.	Name and address of the notified bodies determining product-type on the basis of initial type testing	British Board of Agrément (No. 0836) Bucknalls Lane Watford Herts WD25 9BA FIW München (0751) Lochhamer Schlag 4 D-82166 Grafelfing Germany

8. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Thermal resistance R_D (m^2K/W)	d_N 12mm	0.50
	d_N 16mm	0.70
	d_N 20mm	0.90
	d_N 25mm	1.10
	d_N 30mm	1.35
	d_N 35mm	1.55
	d_N 40mm	1.80
	d_N 45mm	2.00
Thermal conductivity (W/mK)	d_N 12-45mm	0.022
Thermal conductivity		$\geq 120kPa$
Reaction to fire		NPD*
Release of dangerous substances		NPD*
Acoustic absorption index		NPD*
Direct airborne sound insulation index		NPD*
Water permeability		NPD*
Water vapour permeability		NPD*
Tensile/flexural strength		NPD*
Durability of reaction to fire against heat, weathering, ageing/degradation		NPD*
Durability of thermal resistance against heat, weathering, ageing/degradation		NPD*
Durability of compressive strength against ageing/degradation		NPD*

BS EN 13165:2012
+ A2:2016

*NPD – No Performance Determined

The performance of the product identified in point 1 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 3.

Name of and position held by the person empowered to sign the declaration on behalf of the manufacturer.



Dean O'Sullivan
Managing Director
Hadleigh, Suffolk

1st December 2016