

Declaration of Performance

Celotex FR5000

2016.DOPFR5000-01

1.	Unique identification code of the product-type	Celotex FR5000
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

8. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Thermal resistance R_D (m^2K/W)	d_N 20mm	0.95
	d_N 25mm	1.15
	d_N 40mm	1.90
	d_N 50mm	2.35
	d_N 60mm	2.85
	d_N 70mm	3.30
	d_N 75mm	3.55
	d_N 80mm	3.80
	d_N 90mm	4.25
	d_N 100mm	4.75
	d_N 110mm	5.20
	d_N 120mm	5.70
	d_N 130mm	6.15
	d_N 140mm	6.65
d_N 150mm	7.10	
d_N 160mm	7.60	
Thermal conductivity (W/mK)	d_N 20-160mm	0.021
Compressive strength	$\geq 120kPa$	
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