

# Declaration of Performance

Celotex XR4000

2016.DOPXR4000-01

1.	Unique identification code of the product-type	<b>Celotex XR4000</b>
2.	Intended use or uses of the product, in accordance with the applicable harmonised technical specification	<b>Thermal insulation product for buildings</b>
3.	Name and registered address of manufacturer	<b>Saint-Gobain Construction Products UK trading as Celotex Saint-Gobain House Binley Business Park Coventry CV3 2TT</b>
4.	System or systems of assessment and verification of constancy of performance of the product	<b>System 3 with System 4 for reaction to fire</b>
5.	Covered by harmonised standard	<b>BS EN 13165:2012 + A2:2016</b>
6.	Particular conditions applicable to the use of the product	<b>Installed in accordance with the manufacturer's recommendations</b>
7.	Name and address of the notified bodies determining product-type on the basis of initial type testing	<b>British Board of Agrément (No. 0836) Bucknalls Lane Watford Herts WD25 9BA</b>  <b>FIW München (0751) Lochhamer Schlag 4 D-82166 Grafelfing Germany</b>

8. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Thermal resistance $R_D$ ( $m^2K/W$ )	$d_N$ 105mm	4.75
	$d_N$ 110mm	5.00
	$d_N$ 115mm	5.20
	$d_N$ 120mm	5.45
	$d_N$ 125mm	5.65
	$d_N$ 130mm	5.90
	$d_N$ 135mm	6.10
	$d_N$ 140mm	6.35
	$d_N$ 150mm	6.80
	$d_N$ 165mm	7.50
	$d_N$ 200mm	9.05
Thermal conductivity ( $W/mK$ )	$d_N$ 105-200mm	0.022
Thermal conductivity		$\geq 140kPa$
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

1<sup>st</sup> December 2016