



Declaration of Performance

1	Product code	1
2	Product type	Insulite 100mm Cellular (440 x 100 x 215mm)
3	Intended use	In walls, columns and partitions
4	Company name & contact address	Besblock Limited Halesfield 21 Telford Shropshire TF7 4NF United Kingdom.
5	Name & contact address of responsible person	NA
6	System of Assessment & Verification of Constasy of Performance	4
7	Harmonised standard	BSEN771-3

8 **European Technical Assessment** n/a

9 **Declared Performance:**

Essential Characteristics		Performance	Harmonised Technical Specification
Dimensions	Length	440mm	EN 771-3: 2011
	Width	100mm	
	Height	215mm	
	Tolerance	D1	
Configuration	Shape & features	NPD	
	Group according EN 1996-1-1 (EC6)	Group 1 (Cellular < 25% void)	
Compressive strength	Mean Compressive strength	3.6 - 7.3N/mm ² (Unit Strength)	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability		<0.6mm/m	
Bond strength	Shear bond strength	0.15N/mm ² (tabulated Value)	
	Flexural bond strength	NPD	
Reaction to fire		A1	
Water absorption		NPD	
Water vapour permeability		5/15 (Tabulated value)	
Direct airborne sound insulation (in end conditions)/ [Density and configuration]	Gross density	1185kg/m ³	
	Configuration; dimensions and tolerances	Group 1 (Cellular < 25% void)	

Effective lambda value / [Density and configuration] (for units intended to be used in elements subject to thermal insulation requirements)	λ 0.386 W/(mK) _{10, dry mat}	EN 771-3: 2011
	1185kg/m ³	
	Group 1 (Cellular < 25% void)	
	Not to be used exposed < 7N/mm ²	
Durability against freeze/thaw		
Dangerous substances	NPD	

10 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

The 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:

Name:

Robin Huxley, Director

Signature:



Valid From:

01/06/2013