Declaration of Performance

1	**Product code**	10
2	**Product type**	Insulite Cellular: (440 X 140 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 Constancy of Performance**	4
7	**Harmonised standard**	BSEN771-3
8	**European Technical Assessment**	n/a

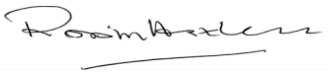
9 **Declared Performance:**

Essential Characteristics		Performance	Harmonised Technical Specification
Dimensions	Length	440mm	EN 771-3: 2011
	Width	140mm	
	Height	215mm	
	Tolerance	D1	
Configuration	Shape & features	NPD	
	Group according EN 1996-1-1 (EC6)	Group 2 (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	1071kg/m3	
	Configuration; dimensions and tolerances	Group 2 (Cellular > 25% void)	

Effective lambda value / [Density and configuration] (for units intended to be used in elements subject to thermal isulation reguirements)	**λ 0.445 W/(mK) $_{10, dry mat}$**	**EN 771-3: 2011**
	1071kg/m3	
	Group 2 (Cellular > 25% void)	
Durability against freeze/thaw	**Not to be used exposed < 7n/mm2**	
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**