



**Declaration of Performance**

- 1 **Product code** CE 101
- 2 **Product type** Solid Dense Brick
- 3 **Intended use** In walls, columns and partitions
- 4 **Company name & contact address** PD Edenhall Ltd  
Danygraig Road  
Risca  
Newport NP11 6DP  
United Kingdom.
- 5 **Name & contact address of responsible person** n/a
- 6 **System of Assessment & Verification of Constancy of Performance** 4
- 7 **Harmonised** BSEN771-3
  
- Name and identification** n/a
- Performed under** n/a
- Under system** n/a
- And issued** n/a
- 8 **European Technical Assessment** n/a
- 9 **Declared Performance**

Essential Characteristics		Performance	Harmonised Technical Specification
Dimensions (1)	Length	215mm 380mm	EN 771-3: 2011
	Width	100mm,140mm	
	Height	40mm 45mm 65mm 73mm	
	Tolerance	D1	
	Shape & features	NPD	
	Group according EN 1996-1-1 (EC6)	Group 1	
Compressive strength (1)	Mean Compressive strength	>22.5N/mm <sup>2</sup>	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability (1)		<0.6mm/m	
Bond strength (1)	Shear bond strength	0.15N/mm <sup>2</sup> (tabulated Value)	BS EN 998-2
	Flexural bond strength	NPD	EN 771-3: 2011
Reaction to fire (2)		A1	Commission Decision 2000/605/EC
Water absorption (3)		<150g/m <sup>2</sup> /s <sup>0.5</sup>	EN 771-3 : 2011

<b>Water vapour permeability (4)</b>		<b>5/15 (Tabulated value)</b>	<b>EN 1745:2012</b>
<b>Direct airborne sound insulation (5) (in end conditions )/ [Density and configuration]</b>	<b>Gross density</b>	<b>2100Kg/m3</b>	<b>EN 771-3: 2011</b>
	<b>Configuration; dimensions and tolerances</b>	<b>Group 1</b>	
<b>Thermal resistance/ [Density and configuration] (for units intended to be used in elements subject to thermal insulation requirements)</b>		<b><math>\lambda</math> 1.11W/mK (dry)</b>	<b>EN 1745:2012</b>
		<b>2100Kg/m3</b>	<b>EN 771-3 : 2011</b>
		<b>Group 1</b>	
<b>Durability against freeze/thaw</b>		<b>Frost resistant</b>	<b>EN 771-3: 2011 PD 6697</b>
<b>Dangerous substances</b>		<b>NPD</b>	

(1) for units intended to be used in elements subject to structural requirements

(2) for units intended to be used in elements subject to fire requirements

(3) for units intended to be used in damp proof courses or in external elements with exposed face

(4) for units intended to be used in external elements

(5) for units to be used in elements subject to acoustic requirements

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:** A Cotton

**Signature:**



**Valid From:** 30/06/2013