



Declaration of Performance

- 1 **Product code** CE 181
- 2 **Product type** Engineering Quality 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	EN 771-3: 2011
	Width	100mm	
	Height	65mm 73mm	
	Tolerance	D1	
	Shape & features	NPD	
	Group according EN 1996-1-1 (EC6)	Group 1	
Compressive strength (1)	Mean Compressive strength	>50N/mm ²	
	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 ² (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)		<50g/m ² /s0.5	EN 771-3 : 2011
Water vapour permeability (4)		5/15 (Tabulated value)	EN 1745:2012
Direct airborne sound insulation (5)	Gross density	2200Kg/m ³	

(in end conditions)/ [Density and configuration]	Configuration; dimensions and tolerances	Group 1	EN 771-3: 2011
Thermal resistance/ [Density and configuration] (for units intended to be used in elements subject to thermal insulation requirements)		λ 1.24w/Mk (dry)	EN 1745:2012
		2200Kg/m ³	EN 771-3 : 2011
		Group 1	
Durability against freeze/thaw		Frost resistant	EN 771-3: 2011 PD 6697
Dangerous substances		NPD	

- (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