



## Declaration of Performance

- 1 **Product code** CE 135
- 2 **Product type** Frogged Dense Facing Brick
- 3 **Intended use** In walls, columns and partitions
- 4 **Company name & contact address** PD Edenhall Ltd  
Danygraig Road  
Risca  
Newport NP11 6 DP  
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,140mm                             |                                    |
|                                      | Height                            | 65mm 73mm                               |                                    |
|                                      | Tolerance                         | D1                                      |                                    |
|                                      | Shape & features                  | NPD                                     |                                    |
|                                      | Group according EN 1996-1-1 (EC6) | Group 1                                 |                                    |
| Compressive strength (1)             | Mean Compressive strength         | >22N/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/      |
| Water absorption (3)                 |                                   | NPD                                     | EN 771-3 : 2011                    |
| Water vapour permeability (4)        |                                   | 30/100                                  | EN 1745:2012 Table A6              |
| Direct airborne sound insulation (5) | Gross density                     | 2200Kg/m <sup>3</sup>                   |                                    |

|  |   |                 |                           |
|--|---|-----------------|---------------------------|
| (in end conditions )/<br>[Density and configuration]   | Configuration;<br>dimensions and tolerances | Group 1 (Solid) | EN 771-3: 2011            |
| Thermal resistance/ [Density and configuration] (for units intended to be used in elements subject to thermal insulation requirements) |   | 1.24W/mk        | EN 1745:2012 Table A6     |
|  |   | 2200Kg/M3       | EN 771-3 : 2011           |
|  |   | Group 1 (Solid) |                           |
| Durability against freeze/thaw   |   | Frost resistant | EN 771-3: 2011<br>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