



## Declaration of Performance

- |   |  |   |
|---|--|---|
| 1 | <b>Product code</b>  | 52  |
| 2 | <b>Product type</b>  | Bescrete Coursing block: (440 x 100x 65mm)  |
| 3 | <b>Intended use</b>  | In walls, columns and partitions  |
| 4 | <b>Company name &amp; contact address</b>                                  | Besblock Limited<br>Halesfield 21<br>Telford<br>Shropshire TF7 4NF<br>United Kingdom. |
| 5 | <b>Name &amp; contact address of responsible person</b>                    | NA  |
| 6 | <b>System of Assessment &amp; Verification of Constancy of Performance</b> | 4   |
| 7 | <b>Harmonised standard</b>   | BSEN771-3   |
| 8 | <b>European Technical Assessment</b>                                       | n/a   |
| 9 | <b>Declared Performance:</b>   |   |

| Essential Characteristics  |  | Performance                                 | Harmonised Technical Specification |
|--|--|---|------------------------------------|
| Dimensions   | Length                                   | 440mm                                       | EN 771-3: 2011                     |
|  | Width                                    | 100mm                                       |                                    |
|  | Height                                   | 65mm  |                                    |
|  | Tolerance                                | D1  |                                    |
| Configuration  | Shape & features                         | NPD   |                                    |
|  | Group according EN 1996-1-1 (EC6)        | Group 1 (Solid)                             |                                    |
| Compressive strength   | Mean Compressive strength                | 7.3 - 22.5N/mm <sup>2</sup> (Unit Strength) |                                    |
|  | Direction of load                        | Perpendicular to bed faces                  |                                    |
|  | Unit category                            | Category II                                 |                                    |
| Dimensional stability  |  | <0.7mm/m                                    |                                    |
| Bond strength  | Shear bond strength                      | 0.15N/mm <sup>2</sup> (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                            | 1930kg/m <sup>3</sup>                       |                                    |
|  | Configuration; dimensions and tolerances | Group 1 ( Solid)                            |                                    |

|   |  |                |
|---|--|----------------|
| Effective lambda value / [Density and configuration] (for units intended to be used in elements subject to thermal insulation requirements) | $\lambda$ 0.99 W/(mK) <sub>10, dry mat</sub> | EN 771-3: 2011 |
|   | 1930kg/m <sup>3</sup>                        |                |
|   | Pass   |                |
| 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