



Interfuse Limited
19 Corringham Road Industrial Estate
Gainsborough
DN21 1QB

EN771-3
DoP: Optilyte Masonry Unit - Gainsborough
NB: None

100SO35SG
140SO35SG
100SO7SG
140SO7SG

Declaration of Performance

Optilyte Masonry Unit - Gainsborough

1. Product Type: **100SO35SG – 100mm Solid Optilyte 3.6N**
140SO35SG – 140mm Solid Optilyte 3.6N
100SO7SG – 100mm Solid Optilyte 7.3N
140SO7SG – 140mm Solid Optilyte 7.3N
2. Identification: **100SO35SG**
140SO35SG
100SO7SG
140SO7SG
3. Intended use: **in walls, columns and partitions**
4. Manufacturer: **Interfuse Limited, 19 Corringham Road Industrial Estate, Gainsborough. DN21 1QB**
Tel: 0116 2609666 e-mail: iancollard@interfuseblocks.com
5. Authorised Representative: **Not applicable**
6. AVCP: **System 4**
7. Harmonized Standard: **EN771-3**
8. ETA: **Not Relevant**
9. The performance of the product identified in 1 and 2 is in conformity with the declared performance in 10.
10. Declaration of performance

| Essential Characteristics | | Performance | Harmonized technical specification |
|---------------------------|-------------------------------------|----------------|------------------------------------|
| Dimensions | Length | 440mm | EN 771-3:2013 |
| | Width | 100mm or 140mm | |
| | Height | 215mm | |
| | Tolerance category | D1 | |
| | Shape and features | NPD | |
| | Group according to EN1996-1-1 (EC6) | Group 1 | |

| | | | |
|--|--|---|---------------|
| | | | |
| Compressive strength | Mean comp' strength | 3.6 or 7.3 N/mm ² | EN 771-3:2013 |
| | Direction of load | Perpendicular to bed face | |
| | Unit category | Category II | |
| Dimensional stability | | <0.5m/mm | |
| Bond strength | Shear bond strength | 0.15N/mm ² | |
| | Flexural bond strength | NPD | |
| Reaction to fire | | A1 (Commission decision 2000/605/EC) | |
| Water absorption | | NPD | |
| Water vapour permeability | | 5/15 (tabulated value) | |
| Direct airborne sound insulation (Density and configuration) | Gross density | 650kg/m ³ | |
| | Configuration: dimensions & tolerances | See configuration | |
| Thermal resistance | | 0.18 λ ₁₀ , dry, unit (tabulated value) These are dry values available in BS EN1745 and need to be corrected for equilibrium moisture content to arrive at a design value. | |
| Durability against freeze/thaw | | Not suitable for exposed conditions | |
| Dangerous substances | | NPD | |

This declaration of performance is issued under the sole responsibility of the manufacturer identified in 4.

Signed on behalf of the manufacturer:

Managing Director:
Russell Pytches



Leicester 01/07/13