



13

Besblock Limited. Halesfield 21, Telford, Shropshire. TF7 4 NF

### **BSEN 771-3**

**Insulite Coursing unit**

**Category II, Aggregate concrete masonry unit**

|  |  |                   |
|--|--|-------------------|
| <b>Dimensions:</b>                               | 440 X 100 X 65mm                               |                   |
| <b>Dimensional tolerances:</b>                   |  |                   |
| Category:  | D1   |                   |
| <b>Configuration:</b>                            | Group 1 (Solid)                                |                   |
| <b>Mean compressive strength:</b>                | 7.3 -10.4 N/mm <sup>2</sup>                    |                   |
| <b>Dimensional stability: moisture movement:</b> | <0.6mm/m                                       |                   |
| <b>Shear bond strength:</b>                      | 0.15 N/mm <sup>2</sup>                         | (tabulated value) |
| <b>Flexural bond strength:</b>                   | NPD  |                   |
| <b>Reaction to fire:</b>                         | Euroclass A1                                   |                   |
| <b>Water absorption:</b>                         | NPD  |                   |
| <b>Water vapour diffusion coefficient:</b>       | 5/15   | (tabulated value) |
| <b>Direct airborne sound insulation:</b>         |  |                   |
| <u>Gross dry density</u>                         | 1498 kg/m <sup>2</sup>                         |                   |
| <u>Configuration</u>                             | Group 1 (Solid)                                |                   |
| <b>Thermal conductivity:</b>                     | $\lambda = 0.47$ (W/mK) <sup>10, DRY MAT</sup> |                   |
| <b>Durability against freeze-thaw:</b>           | Pass   |                   |
| <b>Dangerous substances:</b>                     | NPD  |                   |