

**DECLARATION OF PERFORMANCE
CE45**



1. Product Type: **Hollow Dense Standard Block - 7.3N**
 2. Identification: **Product ID code is shown on delivery ticket**
 3. Intended Use: **In walls, columns and partitions**
 4. Manufacturer: **Thomas Armstrong (Holdings) Ltd Workington Rd, Flimby, Maryport, Cumbria. CA15 8RY**
 5. Authorised Representative: **Not applicable**
 6. AVCP: **System 4**
 7. Harmonised Standard: **EN 771-3 : 2011**
 8. ETA: **Not Relevant**
 9. Declared Performance:

| Essential Characteristics | | Performance | Harmonised technical specification |
|--|--|---|------------------------------------|
| Dimensions | Length, mm | 440 | EN 771-3 : 2011 |
| | Width, mm | Various - shown on the delivery documentation | |
| | Height, mm | 215 | |
| Dimensional Tolerance | | D1 (Flatness NPD, Plane Parallelism NPD) | |
| Configuration | Shape & features | NPD | |
| | Group according to EN 1996-1-1 (EC6) | Group 2 | |
| Compressive strength | Mean compressive strength, N/mm ² | 7.3 (⊥ bed face, whole unit) (Cat II) | |
| | Direction of load | Perpendicular to bed faces | |
| | Unit category | Category II | |
| Dimensional stability | Moisture Movement, mm/m | 0.6 | |
| Bond strength | Shear bond strength, N/mm ² | 0.15 with GPLM | |
| | Flexural bond strength | NPD | |
| Reaction to fire | | A1 (Commission Decision 2000/605/EC) | |
| Water absorption, gm ² .s ^{-0.5} | | NPD | |
| Water vapour permeability | | 5/15 (tabulated value) | |
| Direct airborne sound insulation | Gross density, kg/m ³ | 2000 | |
| | Configuration; dimensions & tolerances | See configuration | |
| Thermal Conductivity, W/mK (A _{10, dry}) ρ = 50% | | 0.78 Dry value - design values require correction for moisture content. See product literature. | |
| Durability against freeze / thaw | | For use below and above ground level | |
| Dangerous substances | | See Note | |

Note: Information on Dangerous Substances will only be given when and where required in the appropriate form. See Annex ZA of BS EN 771-4:2056

10. The performance of the product identified in 1 and 2 is in conformity with the declared performance in 9.

This Declaration of Performance is issued under the sole responsibility of the manufacturer identified in 4.

Signed on behalf of the manufacturer:

J Mason (Technical Manager)
Brompton-on-Swale, North Yorkshire. 1st June 2013



Thomas Armstrong (Holdings) Ltd Workington Rd, Flimby, Maryport, Cumbria. CA15 8RY

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CE45

EN 771-3 : 2011

Hollow Dense Standard Block - 7.3N

Category II aggregate concrete masonry unit

| | | |
|--|--|---|
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See also Declaration of Performance CE45