



DECLARATION of PERFORMANCE

DoP No. 30

Code No: 13107


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- 1. Product Identification:** 22.5N Dense Coursing Brick 215x140x65mm
- 2. Intended use:** Walls, columns and partitions
- 3. Manufacturer:** Mansfield Brick Company Ltd., Crown Farm Way,
Forest Town, Mansfield, Nottinghamshire, NG19 0FT
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- 4. AVCP:** System 4
- 5. Designated Standard:** BS EN 771-3:2011+A1:2015
- 6. Declared performance:**

| Essential characteristics | | Performance |
|---|------------------------|---|
| Dimensions | Length mm | 215 |
| | Width mm | 140 |
| | Height mm | 65 |
| | Tolerance Category | D1 |
| Configuration | | Group 1 |
| Compressive Strength | Mean | 22.5 N/mm ² |
| | Direction of Load | Bed face |
| | Unit category | Category II |
| Dimension Stability | | NPD |
| Bond Strength | Shear bond strength | 0.15N/mm ² (tabulated value) |
| | Flexural bond strength | NPD |
| Reaction to fire | | Euroclass A1 (Commission Decision 2000/605/EC) |
| Water Absorption | | NPD |
| Water vapour permeability | | 5/15 (tabulated value) |
| Direct airborne sound insulation | | NPD |
| Gross Dry Density | | 2050 kg/m ³ |
| Configuration; dimensions and tolerances | | Group 1 |
| Thermal Conductivity W/mK ($\lambda_{10,dry}$) (P=50 %) (tabulated) | | 1.05 |
| Durability against freeze/thaw | | Not to be left exposed |

Mansfield Sand Company Ltd (Brick Division) confirms that the product identified conforms to the declared performance and complies with the requirements of BS EN 771-3 including annex ZA attestation of conformity system 4.

Signed for and on behalf of the Mansfield Sand Company Ltd:

Craig Baggaley
Technical Manager



 08.04.26



**UK
CA**

**Mansfield Brick Company Ltd., Crown Farm Way, Forest Town,
Mansfield, Nottinghamshire, NG19 0FT**

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BS EN 771-3

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|--|---|
| Product: | 22.5N Dense Coursing Brick 215x140x65mm Aggregate Concrete Masonry Unit |
| Dimensions (L x W x H): | 215mm x 140mm x 65mm |
| Dimension Tolerance Category: | D1 |
| Configuration: | Group 1 |
| Compressive Strength (Mean): | 22.5 N/mm ² |
| Reaction to Fire: | Euroclass A1 (Commission Decision 2000/605/EC) |
| Water Absorption: | NPD |
| Water Vapour Diffusion: | 5/15 (tabulated value) |
| Direct Airborne Sound Insulation: | NPD |
| Gross Dry Density: | 2050 kg/m ³ |
| Thermal Conductivity: | 1.05 W/mK ($\lambda_{10,dry}$) (P=50 %) (tabulated value) |
| Durable against Freeze/Thaw: | Not to be left exposed |