



DECLARATION of PERFORMANCE

DoP No. 25

Code No: 19871

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|-----------------------------------|--|
| 1. Product Identification: | 10N Ultralite CL Block 530x140x140mm |
| 2. Intended use: | In block and beam floor systems |
| 3. Manufacturer: | Mansfield Brick Company Ltd., Crown Farm Way, Forest Town, Mansfield, Nottinghamshire, NG19 0FT |
| 4. AVCP: | System 4 |
| 5. Designated Standard: | BS EN 771-3:2011+A1:2015 |
| 6. Declared performance: | |

| Essential characteristics | Performance | |
|---|---|---|
| Dimensions | Length mm | 530 |
| | Width mm | 140 |
| | Height mm | 140 |
| | Tolerance Category | D1 |
| Configuration | Group 1 | |
| Compressive Strength | Mean | 10.0 N/mm ² |
| | Direction of Load | Perpendicular to 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 | 1185 kg/m ³ | |
| Configuration; dimensions and tolerances | Group 1 | |
| Thermal Conductivity W/mK ($\lambda_{10,dry}$) (P=50 %) (tabulated) | 0.50 | |
| 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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Code No: 19871

BS EN 771-3

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|--|--|
| Product: | 10N Ultralite CL Block 530x140x140mm Aggregate Concrete Masonry Unit |
| Dimensions (L x W x H): | 530mm x 140mm x 140mm |
| Dimension Tolerance Category: | D1 |
| Configuration: | Group 1 |
| Compressive Strength (Mean): | 10.0 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: | 1185 kg/m ³ |
| Thermal Conductivity: | 0.50 W/mK ($\lambda_{10,dry}$) (P=50 %) (tabulated value) |
| Durable against Freeze/Thaw: | Not to be left exposed |