



## DECLARATION of PERFORMANCE

**DoP No. 12**

**Code No: 19864**


- 1. Product Identification:** 10N Medium Dense CL Block 340x140x100mm
- 2. Intended use:** In block and beam floor systems
- 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	340
	Width mm	140
	Height mm	100
	Tolerance Category	D1
Configuration		Group 1
Compressive Strength	Mean	10.0 N/mm <sup>2</sup>
	Direction of Load	Perpendicular to bed face
	Unit category	Category II
Dimension Stability		NPD
Bond Strength	Shear bond strength	0.15N/mm <sup>2</sup> (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		1575 kg/m <sup>3</sup>
Configuration; dimensions and tolerances		Group 1
Thermal Conductivity W/mK ( $\lambda_{10,dry}$ ) (P=50 %) (tabulated)		0.81
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

  
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 08.04.26



**UK  
CA**

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

**DoP No. 12**

**Code No: 19864**

**BS EN 771-3**

<b>Product:</b>	<b>10N Medium Dense CL Block 340x140x100mm</b> Aggregate Concrete Masonry Unit
<b>Dimensions (L x W x H):</b>	340mm x 140mm x 100mm
<b>Dimension Tolerance Category:</b>	D1
<b>Configuration:</b>	Group 1
<b>Compressive Strength (Mean):</b>	10.0 N/mm <sup>2</sup>
<b>Reaction to Fire:</b>	Euroclass A1 (Commission Decision 2000/605/EC)
<b>Water Absorption:</b>	NPD
<b>Water Vapour Diffusion:</b>	5/15 (tabulated value)
<b>Direct Airborne Sound Insulation:</b>	NPD
<b>Gross Dry Density:</b>	1575 kg/m <sup>3</sup>
<b>Thermal Conductivity:</b>	0.81 W/mK ( $\lambda_{10,dry}$ ) (P=50 %) (tabulated value)
<b>Durable against Freeze/Thaw:</b>	Not to be left exposed