



DECLARATION of PERFORMANCE

No. 19687

1. Unique identification code of the product type:
Aggregate Concrete Masonry Unit 10.5N Medium Density Infill Block
2. Intended use: **Walls, columns and partitions**
3. Manufacturer:
Mansfield Brick Company Ltd.
Crown Farm Way
Forest Town
Mansfield
Nottinghamshire
NG19 0FT
4. AVCP: **System 4**
5. Harmonised Standard: **EN 771-3:2011 +A1:2015**
6. Declared performance:

Essential characteristics		Performance
Dimensions	Length mm	172
	Width mm	98
	Height mm	105
	Tolerance Category	D2
Configuration		Group 1
Compressive strength	Mean	10.5N/mm ²
	Direction of Load	Perpendicular to bed face
	Unit category	Category 11
Dimension Stability		NPD
Bond strength	Shear bond strength	NPD
	Flexural bond strength	NPD
Reaction to fire		Euroclass A1 (Commission Decision 2000/605/EC)
Water Absorption		NPD
Water vapour permeability		NPD
Direct airborne sound insulation		
Gross Density		1,600 kg/m ³
Configuration; dimensions and tolerances		Group 1
Thermal resistance		NPD
Durability against freeze/thaw		NPD

The performance of the product identified above is in conformity with the declared performance. This declaration of performance is issued in accordance with Regulation (EU) No. 305/2011 under the sole responsibility of the manufacturer.

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

Andrew Ward
Technical Manager

...*A. Ward*.....
22.07.16



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

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19687

EN 771-3:2011 +A1:2015

Product: Aggregate Concrete Masonry Unit 10.5N Medium Density Infill Block

Intended use: Walls, columns and partitions

Dimensions: L:172mm, W:98mm, H:105mm

Dimension tolerances:

Category: D2

Configuration: Group 1

Compressive strength: mean 10.5N/mm²

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion: NPD

Direct airborne sound insulation:

Gross dry density: 1,600 kg/m³

Configuration: Group 1

Durability against freeze/thaw: NPD