DECLARATION of PERFORMANCE

DoP No. 6 **Code No: 19687**

1.	**Product Identification:**	**10.5N Medium Dense Infill Block 172x100x105mm**
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.	**Designated Standard:**	BS EN 771-3:2011+A1:2015
6.	**Declared performance:**	

Essential characteristics		**Performance**
Dimensions	Length mm	172
	Width mm	100
	Height mm	105
	Tolerance Category	D1
Configuration		Group 1
Compressive Strength	Mean	10.5 N/mm²
	Direction of Load	Bed face
	Unit category	Category II
Dimension Stability		NPD
Bond Strength	Shear bond strength	0.15N/mm² (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		1600 kg/m³
Configuration; dimensions and tolerances		Group 1
Thermal Conductivity W/mK (λ10,dry) (P=50 %) (tabulated)		0.83
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

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

DoP No. 6

Code No: 19687

BS EN 771-3

Product:	**10.5N Medium Dense Infill Block 172x100x105mm** Aggregate Concrete Masonry Unit
Dimensions (L x W x H):	172mm x 100mm x 105mm
Dimension Tolerance Category:	D1
Configuration:	Group 1
Compressive Strength (Mean):	10.5 N/mm²
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:	1600 kg/m³
Thermal Conductivity:	0.83 W/mK (λ10,dry) (P=50 %) (tabulated value)
Durable against Freeze/Thaw:	Not to be left exposed