



DECLARATION of PERFORMANCE

DoP No. 27

Code No: 19638 19656


1. Product Identification:	20N OPC Brickslip 172x90x40mm
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	90
	Height mm	40
	Tolerance Category	D1
Configuration		Group 1
Compressive Strength	Mean	20.0 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		2000 kg/m ³
Configuration; dimensions and tolerances		Group 1
Thermal Conductivity W/mK ($\lambda_{10,dry}$) (P=50 %) (tabulated)		1.00
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**

DoP No. 27

Code No: 19638 19656

BS EN 771-3

Product:	20N OPC Brickslip 172x90x40mm Aggregate Concrete Masonry Unit
Dimensions (L x W x H):	172mm x 90mm x 40mm
Dimension Tolerance Category:	D1
Configuration:	Group 1
Compressive Strength (Mean):	20.0 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:	2000 kg/m ³
Thermal Conductivity:	1.00 W/mK ($\lambda_{10,dry}$) (P=50 %) (tabulated value)
Durable against Freeze/Thaw:	Not to be left exposed