



# DECLARATION OF PERFORMANCE

DoP No. 124



- 1 Product Type: **Engineering Brick - 40N**
- 2 Identification: **90001 (Blue / Black); 90002 (Red)**
- 3 Intended use: **Walls, Partitions and Reveals**
- 4 Manufacturer: **CCP Building Products Ltd., Llay Road, Llay, Wrexham, LL12 0TL**
- 5 Authorised representative: **Not applicable**
- 6 AVCP: **System 4**
- 7 Harmonised Standard: **EN 771 - 3 : 2011**
- 8 ETA: **Not applicable**
- 9 Declared Performance:

Essential Characteristics		Performance	Harmonised Technical Specification
Dimensions	Length (mm)	215	EN 771 - 3 : 2011
	Width (mm)	100	
	Height (mm)	65	
Dimensional Tolerance		D1 (Flatness NPD, Plane Parallelism NPD)	
Configuration	Shape & Features	NPD	
	Group according to EN 1996-1-1 (EC6)	Group 1	
Compressive Strength	Mean Compressive Strength (N/mm <sup>2</sup> )	40N [ $\perp$ bed face, whole unit (CatII)]	
	Direction of Load	Perpendicular to the bed faces	
	Unit Category	Category II	
Dimensional Stability Moisture Movement (mm/m)		0.48	
Bond Strength	Shear Bond Strength (N/mm <sup>2</sup> )	0.15 with GPLM	
	Flexural Bond Strength	NPD	
Reaction to Fire		A1 (Commission Decision 2000/605/EC)	
Water Absorption, gm <sup>2</sup> .s <sup>-0.5</sup>		NPD	
Water vapour permeability		5/15 (Tabulated Fixed Value from EN 1745)	
Direct Airborne Sound Insulation	Gross Density (kg/m <sup>3</sup> )	2100 - 2200	
	Configuration; dimensions & tolerances	See Configuration	
Thermal Conductivity, W /m.K ( $\lambda_{10,dry}$ )		0.48	
Resistance to freeze / thaw		Tolerant to Frost	
Dangerous Substances		See Note	
<p>Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-3:2011.</p>			

10 The performance of the product identified in 1 and 2 is in conformity with the declared performance in (9).

Signed on behalf of CCP  
Products Ltd

Building

*Peter Whalley*

P Whalley (Group MRQEH) -  
Building Products Group Ltd; Llay, LL12 0TL

CCP

This Declaration of Performance is issued under the sole responsibility of the manufacturer identified in (4).



## CCP BUILDING PRODUCTS LTD

Reg. Office: Llay Road, Llay, Wrexham LL12 0TL

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BS EN 771-3:2011

## Engineering Brick - 40N

Category II aggregate concrete masonry units

Dimensions (mm):	Length:	215
	Width:	100
	Height:	65
Dimensional Tolerance:	Category:	D1 (sect 5.2.2.1 of std)
	Flatness:	NPD
	Parallelism:	NPD
Configuration:	Shape / Features:	NPD
	Group according to BS EN 1996-1-1:	Group 1
Compressive strength:	Mean compressive strength:	40N/mm <sup>2</sup> [ $\perp$ bed face]
	Direction of load:	90° to bed
	Unit category:	Category II
Dimensional Stability:	Moisture movement:	0.48 mm/m
	Shear bond strength:	0.15 N/mm <sup>2</sup>
Flexural bond strength:	Flexural bond strength:	NPD
	Water Absorption:	NPD
Reaction to fire	Euroclass A1	
Water vapour diffusion coefficient:	5/15 (Tabulated EN 1745)	
Direct airborne sound insulation:	Gross density:	2100 - 2200 kg/m <sup>3</sup>
	Configuration:	See configuration (above)
Thermal conductivity:	0.48 W /m.K ( $\lambda_{10,dry}$ )	
Durability against freeze/thaw:	Tolerant to Frost	
Dangerous Substances:	See note below	

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-3:2011.

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