

Declaration of Performance

UKCA - NRC215 - 01

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|---------------------------|---|
| 1. Product Type | High Strength Grade Celcon Blocks |
| 2. Product identification | NRC215 |
| 3. Intended use | Load bearing and non-load bearing applications in all forms of walling including single leaf, cavity, partitions, retaining and basements |
| 4. Manufacturer | H+H UK Ltd, Celcon House, Ightham, Sevenoaks, Kent, TN15 9HZ
Tel: +44 1732 880333 Email: info@hhcelcon.co.uk |
| 5. System AVCP | 2+ |
| 6. UK Designated Standard | BS EN 771-4:2011 + A1:2015 |
| 7. UK Approved Body | British Board of Agrément, PO Box 195, Bucknalls Lane, Garston, Watford, Herts WD25 7NG
(Approved Body reference N° 0836) |
| 8. Declared Performance | |

Essential characteristics	Performance	
Dimensions	length, mm	440
	height, mm	215
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Dimensional Tolerances	GPLM	
Compressive Strength unit category	I	
Mean compressive strength, N/mm ²	7.3	
Dimensional stability (shrinkage), mm/m	0.4	
Shear bond strength, N/mm ²	0.15 with GPLM	
	0.30 with TLM (Tabulated value according to EN 998-2)	
Reaction to fire	Euroclass A1	
Water absorption, g/m ² s ^{0.5}	NPD	
Water vapour diffusion coefficient μ	5/10 (Tabulated value according to EN1745)	
Durability (freeze-thaw resistance)	For use above and below ground level	
Gross dry bulk density, mean, kg/m ³	730	
Form and shape	Solid Group 1	
Thermal conductivity, λ _{10,dry} (P=50%), W/mK	0.16	

9. 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, as it has effect in the United Kingdom under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of H+H UK Limited

Calum Forsyth (Managing Director)
Borough Green, Kent
12 May 2021

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H+H UK Ltd, Celcon House, Ightham, Sevenoaks, Kent, TN15 9HZ 21 UKCA - NRC215 - 01																																									
BS EN 771-4:2011 + A1:2015 High Strength Grade Celcon Blocks Load bearing and non-load bearing applications in all forms of walling including single leaf, cavity, partitions, retaining and basements Category I, autoclaved aerated concrete masonry unit																																									
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