

## Declaration of Performance

### UKCA - HCP150 - 01

1. Product Type	<b>Super Strength Grade Coursing Units</b>
2. Product identification	<b>HCP150</b>
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	<b>H+H UK Ltd, Celcon House, Ightham, Sevenoaks, Kent, TN15 9HZ</b> Tel: +44 1732 880333 Email: info@hhcelcon.co.uk
5. System AVCP	4
6. UK Designated Standard	BS EN 771-4:2011 + A1:2015

#### 7. Declared Performance

Essential characteristics		Performance
Dimensions	length, mm	215
	height, mm	65
	width, mm	150
Dimensional Tolerances		GPLM
Compressive Strength unit category		I
Mean compressive strength, N/mm <sup>2</sup>		8.7
Dimensional stability (shrinkage), mm/m		0.4
Shear bond strength, N/mm <sup>2</sup>		0.15 with GPLM 0.30 with TLM (Tabulated value according to EN 998-2)
Reaction to fire		Euroclass A1
Water absorption, g/m <sup>2</sup> s <sup>0.5</sup>		NPD
Water vapour diffusion coefficient $\mu$		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 <sup>3</sup>		730
Form and shape		Solid Group 1
Thermal conductivity, $\lambda_{10,dry}$ (P=50%), W/mK		0.16

8. 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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Category I, autoclaved aerated concrete masonry unit																																									
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