

Declaration of Performance

UKCA - HCP140 - 01a

1. Product Type	Super Strength Grade Coursing Units
2. Product identification	HCP140
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	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	140
Dimensional Tolerances	GPLM	
Compressive Strength unit category	II	
Mean compressive strength, N/mm ²	8.7	
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, $\lambda_{10,dry}$ (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

30 September 2022

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Category II, autoclaved aerated concrete masonry unit																																									
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