UK CA

Declaration of Performance

UKCA - HGP150 - 01

1. Product Type	Super Strength Gra	de Celcon Plus Blocks	
2. Product identification	H	GP150	
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, Ig Tel: +44 1732 880333	htham, Sevenoaks, Kent, TN15 9HZ Email: info@hhcelcon.co.uk	
5. System AVCP		2+	
6. UK Designated Stand	ard BS EN 771-4:2011 + A1:2015		
7. UK Approved Body	0	x 195, Bucknalls Lane, Garston, Watford, Herts WD25 7NG d Body reference N° 0836)	

8. Declared Performance

Essential characteristics		Performance
	length, mm	630
Dimensions	height, mm	215
	width, mm	150
Dimensional Tolerances		TLMA
Compressive Strength unit category	ý	I
Mean compressive strength, N/mm	2	8.7
Dimensional stability (shrinkage), m	וm/m	0.4
		0.15 with GPLM
Shear bond strength, N/mm ²		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%)	6), W/mK	0.16

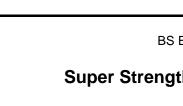
9. The performance of the product identified above is in conformity with the declared performance.

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

Calm J Farsythi

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



Load bearing and non-load bearing applications in all forms of walling including single leaf, cavity, partitions, retaining and basements

0836

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Category I, autoclaved aerated concrete masonry unit

Dimensions:	(Length x Height x Width)	630m	
Dimensional tolerances:			
Configuration:		Solid	
Compressive strength:			
Dimension stability:			
Bond strength (initial shear):			
Flexural Bond strength:			
Reaction to fire:			
Water absorption:			
Water vapour diffusion coefficient:			
Gross density:			
Thermal conductivity:			
Durability:		For us	



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H+H UK Ltd, Celcon House, Ightham, Sevenoaks, Kent, TN15 9HZ

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BS EN 771-4:2011 + A1:2015

Super Strength Grade Celcon Plus Blocks

nm x 215mm x 150mm gory: TLMA d (Group 1 unit to EN1996-1-1) n 8.7 N/mm² (L bedface, whole unit) (Cat I) ture movement: 0.4 mm/m d Value 0.15 N/mm² with GPLM 0.30 N/mm² with TLM

d Value 5/10 kg/m³ W/mK ($\lambda_{10,dry}$) use above and below ground level