

## Declaration of Performance

### UKCA - SGP200 - 01

- |                           |   |
|---------------------------|---|
| 1. Product Type           | <b>Standard Grade Celcon Plus Blocks</b>  |
| 2. Product identification | <b>SGP200</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><br>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<br>(Approved Body reference N° 0836)              |
| 8. Declared Performance   |   |

Essential characteristics	Performance	
Dimensions	length, mm	630
	height, mm	215
	width, mm	200
Dimensional Tolerances	TLMA	
Compressive Strength unit category	II	
Mean compressive strength, N/mm <sup>2</sup>	3.6	
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>	600	
Form and shape	Solid Group 1	
Thermal conductivity, $\lambda_{10, dry}$ (P=50%), W/mK	0.13	

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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<b>H+H UK Ltd, Celcon House, Ightham, Sevenoaks, Kent, TN15 9HZ</b>  21  UKCA - SGP200 - 01																																							
BS EN 771-4:2011 + A1:2015  <b>Standard Grade Celcon Plus Blocks</b>  Load bearing and non-load bearing applications in all forms of walling including single leaf, cavity, partitions, retaining and basements  Category II, autoclaved aerated concrete masonry unit																																							
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