

H+H UK Limited-DECLARATION OF PERFORMANCE

No. HHUK-007b

1. Unique identification code of the product-type: **Coursing Units (CP)**
2. Type-, batch- or serial number or other marking for the identification of the construction product: **SCP= Standard Grade, NCP=High Strength Grade, HCP=Super Strength Grade**
3. Intended use: **Load bearing and non-load bearing applications in all forms of walling including single leaf, cavity, partitions, retaining and basements**
4. Name and contact address of the manufacturer:
H+H UK Limited, Celcon House, Ightham, Sevenoaks, Kent, TN15 9HZ, UK
Tel: +44 1732 880333 Email: technical@hhcelcon.co.uk
5. System or systems of assessment and verification of constancy of performance: **4**
6. Declared performance

Essential characteristics		Performance	Harmonised technical specification
<i>Dimensions</i>	<i>length, mm</i>	215	EN 771-4:2011
	<i>height, mm</i>	65	
	<i>width, mm</i>	100-140	
<i>Dimensional Tolerances</i>		GPLM	
<i>Compressive Strength unit category</i>		II	
<i>Mean compressive strength N/mm²</i>	<i>Standard</i>	3.6	
	<i>High Strength</i>	7.3	
	<i>Super Strength</i>	8.7	
<i>Dimensional stability (shrinkage), mm/m</i>		0.4	
<i>Shear bond strength, N/mm²</i>		0.15 N/mm² with GPLM 0.30 N/mm² with TLM (Tabulated value according to EN 998-2)	
<i>Reaction to fire</i>		Euroclass A1	
<i>Water absorption, g/m²s^{0.5}</i>		NPD	
<i>Water vapour diffusion coefficient μ</i>		5/10 (Tabulated value according to EN1745)	
<i>Durability (freeze-thaw resistance)</i>		For use above and below ground level	
<i>Gross dry bulk density, mean, kg/m³</i>	<i>Standard</i>	600±50	
	<i>High Strength</i>	730±50	
	<i>Super Strength</i>	730±50	
<i>Form and shape</i>		Solid Group 1	
<i>Thermal conductivity, W/(mK)</i>	<i>Standard</i>	λ_{10dry} (P=50%): 0,13	
	<i>High Strength</i>	λ_{10dry} (P=50%): 0,16	
	<i>Super Strength</i>	λ_{10dry} (P=50%): 0,16	

7. The performance of the product referring to in points 1 and 2 correspond to the declared performance at paragraph 6. This declaration of performance was issued under the sole responsibility of the manufacturer specified in paragraph 4.

Signed on behalf of H+H UK Limited by:

..... *C A Fudge*

Borough Green, Kent 1st April 2016

C Fudge (Technical Director)