

**H+H UK Limited-DECLARATION OF PERFORMANCE**


**No. HHUK-007**

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 in accordance with Article 11 paragraph 4: **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 in accordance with Article 11, paragraph 5:  
**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>	<b>215</b>	EN 771-4:2011
	<i>height, mm</i>	<b>65</b>	
	<i>width, mm</i>	<b>100-140</b>	
<i>Dimensional Tolerances</i>		<b>GPLM</b>	
<i>Compressive Strength unit category</i>		<b>II</b>	
<i>Mean compressive strength N/mm<sup>2</sup></i>	<i>Standard</i>	<b>3.6</b>	
	<i>High Strength</i>	<b>7.3</b>	
	<i>Super Strength</i>	<b>8.7</b>	
<i>Dimensional stability (shrinkage), mm/m</i>		<b>0.4</b>	
<i>Shear bond strength, N/mm<sup>2</sup></i>		<b>0.15 N/mm<sup>2</sup> with GPLM 0.30 N/mm<sup>2</sup> with TLM (Tabulated value according to EN 998-2)</b>	
<i>Reaction to fire</i>		<b>Euroclass A1</b>	
<i>Water absorption, g/m<sup>2</sup>s<sup>0,5</sup></i>		<b>NPD</b>	
<i>Water vapour diffusion coefficient <math>\mu</math></i>		<b>5/10 (Tabulated value according to EN1745)</b>	
<i>Durability (freeze-thaw resistance)</i>		<b>For use above and below ground level</b>	
<i>Gross dry bulk density, mean, kg/m<sup>3</sup></i>	<i>Standard</i>	<b>600</b>	
	<i>High Strength</i>	<b>750</b>	
	<i>Super Strength</i>	<b>750</b>	
<i>Form and shape</i>		<b>Solid Group 1</b>	
<i>Thermal conductivity, W/(mK)</i>	<i>Standard</i>	$\lambda_{10dry}$ (P=50%): <b>0,13</b>	
	<i>High Strength</i>	$\lambda_{10dry}$ (P=50%): <b>0,17</b>	
	<i>Super Strength</i>	$\lambda_{10dry}$ (P=50%): <b>0,17</b>	

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:



**Borough Green, Kent 01.07.2013**

**M Oliver (Managing Director)**