1. Unique identification code of the product-type: *Super Strength Grade Aircrete*
2. Type-, batch- or serial number or other marking for the identification of the construction product: ‘H’ *Super Strength*
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 886333  
   **Email:** technical@hhcelcon.co.uk

5. System or systems of assessment and verification of constancy of performance: 2+

6. The notified factory production control body **British Board of Agrément, PO Box 195, Bucknalls Lane, Garston, Watford, Herts WD25 7NG (Notified Body reference no. 0836)** has performed the initial inspection of the manufacturing plant and of the factory production control, performs a continuous surveillance, assessment and evaluation of the factory production control and has issued the certificate of conformity of the factory production control.

7. Declared performance

<table>
<thead>
<tr>
<th>Essential characteristics</th>
<th>Performance</th>
<th>Harmonised technical specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| length, mm                | Celcon Block 440  
Jumbo Blocks 630  
Multi Plates 630 |                                   |
| height, mm                | Celcon Block 215  
Jumbo Blocks 250  
Multi Plates 350 |                                   |
| width, mm                 | 100-350     |                                   |

| Dimensional Tolerances   | Celcon Block GPLM  
Jumbo Blocks TLMA  
Multi Plates TLMA | EN771-4  
+A1.2015 |

| Compressive Strength unit category | I  
Mean compressive strength N/mm² | 8.7  
Dimensional stability (shrinkage), mm/m | 0.4  
Shear bond strength, N/mm² | 0.15 N/mm² with GPLM  
0.30 N/mm² with TLM  
(Tabulated value according to EN 998-2)  
Reaction to fire | Euroclass A1  
Water absorption, g/m²s⁰.⁵ | NPD  
Water vapour diffusion coefficient μ | 5/10  
(Datubulated value according to EN1745)  
Durability (freeze-thaw resistance) | For use above and below ground level  
Gross dry bulk density, mean, kg/m³ | 730±50  
Form and shape | Solid Group 1  
Thermal conductivity, W/(mK) | \( \lambda_{10\%}(P=50\%): 0.16 \)  

8. The performance of the product identified above is in conformity the declared performance. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

Signed on behalf of H+H UK Limited by:

![Signature]