

Details of all H+H products are contained within NBS Plus (see [ribaproductselector.com](http://ribaproductselector.com)). Alternatively, the typical clauses below may be of use when putting together a Specification.

## Celcon Blocks

### F10 Brick/ Block walling

#### 360 Autoclaved aerated concrete (aac) common blockwork

**Blocks:** *To BS EN 771-4*  
**Manufacturer:** *H+H UK Ltd, Celcon House, Ightham, Sevenoaks, Kent TN15 9HZ*  
*Tel: 01732 886444, Fax: 01732 887013*  
*Web: [www.hhcelcon.co.uk](http://www.hhcelcon.co.uk)*  
*Email: [info@hhcelcon.co.uk](mailto:info@hhcelcon.co.uk) (general enquiries); [tsd@celcon.co.uk](mailto:tsd@celcon.co.uk) (technical enquiries)*

	<u>Solar Grade</u>	<u>Standard Grade</u>	<u>High Strength Grade</u>	<u>Super Strength Grade</u>
<b>Product reference:</b>	<i>Celcon Solar</i>	<i>Celcon Standard</i>	<i>Celcon High Strength</i>	<i>Celcon Super Strength</i>
<b>Configuration:</b>	<i>Aerated solid</i>	<i>Aerated solid</i>	<i>Aerated solid</i>	<i>Aerated solid</i>
<b>Mean compressive strength:</b>	<i>2.9 N/mm<sup>2</sup></i>	<i>3.6 N/mm<sup>2</sup></i>	<i>7.3 N/mm<sup>2</sup></i>	<i>8.7 N/mm<sup>2</sup></i>
<b>Category:</b>	<i>Category II</i>	<i>Category II</i>	<i>Category I</i>	<i>Category I</i>
<b>Thermal conductivity:</b>	<i>0.11 W/mK.</i>	<i>0.15 W/mK.</i>	<i>0.18 W/mK.</i>	<i>0.18 W/mK</i>
<b>Work sizes</b> (Length x width x height):	<i>440 x (consult H+H literature for available thicknesses) x 215 mm</i>			
<b>Tolerance Category:</b>	<i>GPLM</i>			

## Celcon Plus Blocks

### F10 Brick/ Block walling

#### 360 Autoclaved aerated concrete (aac) common blockwork

**Blocks:** *To BS EN 771-4*  
**Manufacturer:** *H+H UK Ltd, Celcon House, Ightham, Sevenoaks, Kent TN15 9HZ*  
*Tel: 01732 886444, Fax: 01732 887013*  
*Web: [www.hhcelcon.co.uk](http://www.hhcelcon.co.uk)*  
*Email: [info@hhcelcon.co.uk](mailto:info@hhcelcon.co.uk) (general enquiries); [tsd@celcon.co.uk](mailto:tsd@celcon.co.uk) (technical enquiries)*

	<u>Solar Grade</u>	<u>Standard Grade</u>	<u>High Strength Grade</u>	<u>Super Strength Grade</u>
<b>Product reference:</b>	<i>Celcon</i>	<i>Celcon</i>	<i>Celcon</i>	<i>Celcon</i>
	<i>Solar Plus</i>	<i>Standard Plus</i>	<i>High Strength Plus</i>	<i>Super Strength Plus</i>
<b>Configuration:</b>	<i>Aerated solid</i>	<i>Aerated solid</i>	<i>Aerated solid</i>	<i>Aerated solid</i>
<b>Mean compressive strength:</b>	<i>2.9 N/mm<sup>2</sup></i>	<i>3.6 N/mm<sup>2</sup></i>	<i>7.3 N/mm<sup>2</sup></i>	<i>8.7 N/mm<sup>2</sup></i>
<b>Category:</b>	<i>Category II</i>	<i>Category II</i>	<i>Category I</i>	<i>Category I</i>
<b>Thermal conductivity:</b>	<i>0.11 W/mK.</i>	<i>0.15 W/mK.</i>	<i>0.18 W/mK.</i>	<i>0.18 W/mK</i>
<b>Work sizes</b> (Length x width x height):	<i>630 x (consult H+H literature for available thicknesses) x 215 mm</i>			
<b>Tolerance Category:</b>	<i>GPLM</i>			

## Celcon Plus Blocks for thin joint blockwork

### F10 Brick/ Block walling

#### 370 Thin joint autoclaved aerated concrete (aac) common blockwork

<b>Blocks:</b>	<i>To BS EN 771-4</i>			
<b>Manufacturer:</b>	<i>H+H UK Ltd, Celcon House, Ightham, Sevenoaks, Kent TN15 9HZ</i>			
	<i>Tel: 01732 886444, Fax: 01732 887013</i>			
	<i>Web: www.hhcelcon.co.uk</i>			
	<i>Email: info@hhcelcon.co.uk (general enquiries); tsd@celcon.co.uk (technical enquiries)</i>			
	<b><u>Solar Grade</u></b>	<b><u>Standard Grade</u></b>	<b><u>High Strength Grade</u></b>	<b><u>Super Strength Grade</u></b>
<b>Product reference:</b>	<i>Celcon Solar Plus</i>	<i>Celcon Standard Plus</i>	<i>Celcon High Strength Plus</i>	<i>Celcon Super Strength Plus</i>
<b>Configuration:</b>	<i>Aerated solid</i>	<i>Aerated solid</i>	<i>Aerated solid</i>	<i>Aerated solid</i>
<b>Mean compressive strength:</b>	<i>2.9 N/mm<sup>2</sup></i>	<i>3.6 N/mm<sup>2</sup></i>	<i>7.3 N/mm<sup>2</sup></i>	<i>8.7 N/mm<sup>2</sup></i>
<b>Category:</b>	<i>Category II</i>	<i>Category II</i>	<i>Category I</i>	<i>Category I</i>
<b>Thermal conductivity:</b>	<i>0.11 W/mK.</i>	<i>0.15 W/mK.</i>	<i>0.18 W/mK.</i>	<i>0.18 W/mK</i>
<b>Work sizes</b> (Length x width x height):	<i>630 x (consult H+H literature for available thicknesses) x 215 mm</i>			
<b>Tolerance Category:</b>	<i>TLMA</i>			
<b>Mortar:</b>				
<b>Standard:</b>	<i>Thin layer mortar to BS EN 998-2</i>			
<b>Manufacturer:</b>	<i>H+H UK Ltd</i>			
<b>Product reference:</b>	<i>Celfix Mortar</i>			
<b>Bond:</b>	<i>Half lap stretcher</i>			

## H+H Jumbo Bloks for thin joint blockwork

### F10 Brick/ Block walling

#### 370 Thin joint autoclaved aerated concrete (aac) common blockwork

<b>Blocks:</b>	<i>To BS EN 771-4</i>			
<b>Manufacturer:</b>	<i>H+H UK Ltd, Celcon House, Ightham, Sevenoaks, Kent TN15 9HZ</i>			
	<i>Tel: 01732 886444, Fax: 01732 887013</i>			
	<i>Web: www.hhcelcon.co.uk</i>			
	<i>Email: info@hhcelcon.co.uk (general enquiries); tsd@celcon.co.uk (technical enquiries)</i>			
	<b><u>Solar Grade</u></b>	<b><u>Standard Grade</u></b>	<b><u>High Strength Grade</u></b>	<b><u>Super Strength Grade</u></b>
<b>Product reference:</b>	<i>Solar Jumbo Blok</i>	<i>Standard Jumbo Blok</i>	<i>High Strength Jumbo Blok</i>	<i>Super Strength Jumbo Blok</i>
<b>Configuration:</b>	<i>Aerated solid</i>	<i>Aerated solid</i>	<i>Aerated solid</i>	<i>Aerated solid</i>
<b>Mean compressive strength:</b>	<i>2.9 N/mm<sup>2</sup></i>	<i>3.6 N/mm<sup>2</sup></i>	<i>7.3 N/mm<sup>2</sup></i>	<i>8.7 N/mm<sup>2</sup></i>
<b>Category:</b>	<i>Category II</i>	<i>Category II</i>	<i>Category I</i>	<i>Category I</i>
<b>Thermal conductivity:</b>	<i>0.11 W/mK.</i>	<i>0.15 W/mK.</i>	<i>0.18 W/mK.</i>	<i>0.18 W/mK</i>
<b>Work sizes</b> (Length x width x height):	<i>630 x (100 or 140) x 250 mm</i>			
<b>Tolerance Category:</b>	<i>TLMA</i>			
<b>Mortar:</b>				
<b>Standard:</b>	<i>Thin layer mortar to BS EN 998-2</i>			
<b>Manufacturer:</b>	<i>H+H UK Ltd</i>			
<b>Product reference:</b>	<i>Celfix Mortar</i>			
<b>Bond:</b>	<i>Half lap stretcher</i>			



## H+H Multi Plates for thin joint blockwork

### F10 Brick/ Block walling

#### 370 Thin joint autoclaved aerated concrete (aac) common blockwork

**Blocks:** To BS EN 771-4  
**Manufacturer:** H+H UK Ltd, Celcon House, Ightham, Sevenoaks, Kent TN15 9HZ  
 Tel: 01732 886444, Fax: 01732 887013  
 Web: www.hhcelcon.co.uk  
 Email: info@hhcelcon.co.uk (general enquiries); tsd@celcon.co.uk (technical enquiries)

	<u>Solar Grade</u>	<u>Standard Grade</u>	<u>High Strength Grade</u>	<u>Super Strength Grade</u>
<b>Product reference:</b>	Solar Multi Plate	Standard Multi Plate	High Strength Multi Plate	Super Strength Multi Plate
<b>Configuration:</b>	Aerated solid	Aerated solid	Aerated solid	Aerated solid
<b>Mean compressive strength:</b>	2.9 N/mm <sup>2</sup>	3.6 N/mm <sup>2</sup>	7.3 N/mm <sup>2</sup>	8.7 N/mm <sup>2</sup>
<b>Category:</b>	Category II	Category II	Category I	Category I
<b>Thermal conductivity:</b>	0.11 W/mK.	0.15 W/mK.	0.18 W/mK.	0.18 W/mK
<b>Work sizes</b> (Length x width x height):	630 x 100 x 350 mm			
<b>Tolerance Category:</b>	TLMA			
<b>Mortar:</b>				
<b>Standard:</b>	Thin layer mortar to BS EN 998-2			
<b>Manufacturer:</b>	H+H UK Ltd			
<b>Product reference:</b>	Celfix Mortar			
<b>Bond:</b>	Half lap stretcher			

## Foundation Blocks

### F10 Brick/ Block walling

#### 360 Autoclaved aerated concrete (aac) common blockwork

**Blocks:** To BS EN 771-4  
**Manufacturer:** H+H UK Ltd, Celcon House, Ightham, Sevenoaks, Kent TN15 9HZ  
 Tel: 01732 886444, Fax: 01732 887013  
 Web: www.hhcelcon.co.uk  
 Email: info@hhcelcon.co.uk (general enquiries); tsd@celcon.co.uk (technical enquiries)

	<u>Standard Grade</u>	<u>High Strength Grade</u>	<u>Super Strength Grade</u>
<b>Product reference:</b>	Standard Foundation	High Strength Foundation	Super Strength Foundation
<b>Configuration:</b>	Aerated solid	Aerated solid	Aerated solid
<b>Mean compressive strength:</b>	3.6 N/mm <sup>2</sup>	7.3 N/mm <sup>2</sup>	8.7 N/mm <sup>2</sup>
<b>Category:</b>	Category II	Category I	Category I
<b>Thermal conductivity:</b>	0.25 W/mK.	0.32 W/mK.	0.32 W/mK
<b>Work sizes</b> (Length x width x height):	440 x (275 or 300 or 355) x 215 mm		
<b>Tolerance Category:</b>	GPLM		

## Celcon Blocks for Beam and Block Floors

### E60 Precast/ Composite Concrete Floors/ Roof Decks

#### 295 Autoclaved aerated concrete infill blocks

<b>Blocks:</b>	<i>To BS EN 771-4</i>		
<b>Manufacturer:</b>	<i>H+H UK Ltd, Celcon House, Ightham, Sevenoaks, Kent TN15 9HZ Tel: 01732 886444, Fax: 01732 887013 Web: <a href="http://www.hhcelcon.co.uk">www.hhcelcon.co.uk</a> Email: <a href="mailto:info@hhcelcon.co.uk">info@hhcelcon.co.uk</a> (general enquiries); <a href="mailto:tsd@celcon.co.uk">tsd@celcon.co.uk</a> (technical enquiries)</i>		
	<b><u>Standard Grade</u></b>	<b><u>High Strength Grade</u></b>	<b><u>Super Strength Grade</u></b>
<b>Product reference:</b>	<i>Celcon Standard</i>	<i>Celcon High Strength</i>	<i>Celcon Super Strength</i>
<b>Mean compressive strength:</b>	<i>3.6 N/mm<sup>2</sup></i>	<i>7.3 N/mm<sup>2</sup></i>	<i>8.7 N/mm<sup>2</sup></i>
<b>Density:</b>	<i>600 kg/m<sup>3</sup></i>	<i>700 kg/m<sup>3</sup></i>	<i>700 kg/m<sup>3</sup></i>
<b>Thermal conductivity:</b>	<i>0.15 W/mK.</i>	<i>0.18 W/mK.</i>	<i>0.18 W/mK</i>
<b>Work sizes</b> (Length x width x height):	<i>440 x 215 x 100mm</i>		

#### 297 Proprietary autoclaved aerated concrete infill blocks

<b>Blocks:</b>	<i>Celcon Standard for floor infill</i>
<b>Manufacturer:</b>	<i>H+H UK Ltd, Celcon House, Ightham, Sevenoaks, Kent TN15 9HZ Tel: 01732 886444, Fax: 01732 887013 Web: <a href="http://www.hhcelcon.co.uk">www.hhcelcon.co.uk</a> Email: <a href="mailto:info@hhcelcon.co.uk">info@hhcelcon.co.uk</a> (general enquiries); <a href="mailto:tsd@celcon.co.uk">tsd@celcon.co.uk</a> (technical enquiries)</i>
	<b><u>Standard Grade</u></b>
<b>Product reference:</b>	<i>Celcon Floorblock</i>
<b>Mean compressive strength:</b>	<i>3.6 N/mm<sup>2</sup></i>
<b>Density:</b>	<i>600 kg/m<sup>3</sup></i>
<b>Thermal conductivity:</b>	<i>0.15 W/mK.</i>
<b>Work sizes</b> (Length x width x height):	<i>440 x 215 x 100mm</i>

After installation of floor infill blocks, the floor must be grouted prior to any trafficking, loading or the application of screed

#### 325 Grouting

<b>Mix:</b>	<i>1:4 cement:sand slurry</i>
<b>Preparation:</b>	<i>Brush floor clean, wet thoroughly and brush in grout to fill all joints and surface irregularities</i>