

# H+H Product Datasheet

## Celcon Plus Blocks

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	Strength	Conductivity	Density		Strength	Conductivity	Density
Solar	2.9N/mm <sup>2</sup>	0.11 W/mK	460kg/m <sup>3</sup>	High Strength	7.3N/mm <sup>2</sup>	0.19 W/mK	750kg/m <sup>3</sup>
Standard	3.6N/mm <sup>2</sup>	0.15 W/mK	600kg/m <sup>3</sup>	Super Strength*	8.7N/mm <sup>2</sup>	0.19 W/mK	750kg/m <sup>3</sup>

\* Super Strength is equivalent to a category II block with a strength of 10.4N/mm<sup>2</sup>

## Celcon Plus Blocks



**Celcon Plus Block**  
Plain faced 610mm x 215mm

Celcon Plus Blocks are an alternative to the 440 x 215mm face format block and are suitable for the same applications.

This range is produced using the latest manufacturing technology which rank them amongst the most dimensionally accurate blocks available.

Celcon Plus Blocks are available in Solar Grade 2.9N/mm<sup>2</sup>, Standard Grade 3.6N/mm<sup>2</sup>, High Strength Grade 7.3N/mm<sup>2</sup> and Super Strength Grade 8.7N/mm<sup>2</sup>

### Applications

- Internal and external leaf of cavity walls
- Solid walls
- Separating walls (not Solar)
- Flanking Walls
- Partitions
- Multi storey buildings
- Foundations



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## Celcon Plus Blocks

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Face size	Celcon Plus Blocks 610mm x 215mm		
	100	140	215
<b>Block Thickness (mm)</b>	<b>100</b>	<b>140</b>	<b>215</b>
<b>Solar Block Weight at 3% (kg)<sup>†</sup></b>	6.2	8.7	13.4
<b>Solar Block Weight (kg)<sup>††</sup></b>	7.6	10.7	16.4
<b>Solar Block Weight (kg)<sup>*</sup> at 300/pack</b>	457	427	410
<b>Standard Block Weight at 3% (kg)<sup>†</sup></b>	8.1	11.3	-
<b>Standard Block Weight (kg)<sup>††</sup></b>	10.0	14.0	-
<b>Standard Block Weight (kg)<sup>*</sup> at 300/pack</b>	599	559	-
<b>High Strength Block Weight at 3% (kg)<sup>†</sup></b>	10.1	14.2	-
<b>High Strength Block Weight (kg)<sup>††</sup></b>	11.6	16.2	-
<b>High Strength Block Weight (kg)<sup>*</sup> at 300/pack</b>	696	650	-
<b>Super Strength Block Weight at 3% (kg)<sup>†</sup></b>	10.1	14.2	-
<b>Super Strength Block Weight (kg)<sup>††</sup></b>	11.6	16.2	-
<b>Super Strength Block Weight (kg)<sup>*</sup> at 300/pack</b>	696	650	-

\* Pack weight excludes pallet.

† Block weights calculated at 3% moisture content by weight.

†† Blocks weights at typical moisture content when laid. (Some manufacturers may quote weights which have not allowed for this.)

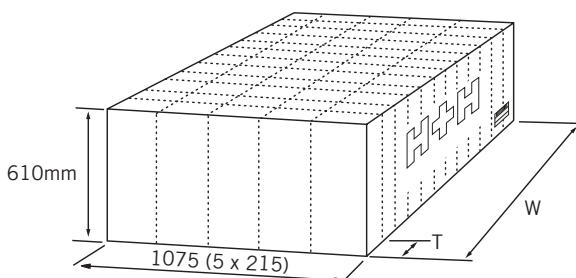
**20.4** Bold figures indicate that the product is above single person repetitive manual handling limits.

All shaded areas indicate that the product is a stock item at all factories, other sizes can be made to order subject to minimum quantities.

	Solar	Standard	High Strength	Super Strength
<b>Compressive Strength</b>	2.9N/mm <sup>2*</sup>	3.6N/mm <sup>2*</sup>	7.3N/mm <sup>2*</sup>	8.7N/mm <sup>2*</sup>
<b>Thermal Conductivity</b>	0.11 W/mK	0.15 W/mK	0.19 W/mK	0.19 W/mK
<b>Density</b>	460 kg/m <sup>3</sup>	600 kg/m <sup>3</sup>	750 kg/m <sup>3</sup>	750 kg/m <sup>3</sup>

### Pack Information

Block Thickness (mm) = T	100	140	215
<b>Coverage per pack (m<sup>2</sup>) – 10mm joint</b>	8.4	5.6	3.5
<b>Coverage per pack (m<sup>2</sup>) – 2mm joint</b>	7.8	5.3	3.3
<b>Number of blocks per pack</b>	60	40	25
<b>Pack width (mm) = W</b>	1200	1120	1075



For further information and to check our most up-to-date product range please visit our website [www.hhcelcon.co.uk](http://www.hhcelcon.co.uk) or contact the following departments:

#### Sales

For sales enquiries or to find your local stockist please contact

Tel: 01732 886444

Fax: 01732 887013

#### Technical

For technical enquiries please contact

Tel: 01732 880580

Fax: 01732 880581

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