



# Celcon Blocks

Celcon Blocks in Solar, Standard, High Strength and Super Strength Grades are the most commonly used aircrete block in the H+H range.



All Celcon Blocks are BBA certified, are fire resistant (100mm walls, up to 4 hours, 2 hours if load-bearing dependent upon the Grade) and have been classified 0 surface spread of flame and non-combustible to Class A1 (the highest class). Celcon Blocks are available in thicknesses from 75mm to 355mm Foundation Blocks and can be used in the applications listed.

## Applications

- Internal and external leaf of cavity walls
- Solid walls
- Separating walls (except Solar Grade)
- Partitions
- Flanking walls
- Multi-storey buildings
- Foundations/Below ground level
- Beam and Block floors (except Solar Grade)





# Celcon Blocks

Face size	All Grades 440mm x 215mm				
Block Thickness (mm)	75	100	140	150	215
Solar Grade Weight (kg) <sup>†</sup>	-	5	8	8	12
Standard Grade Weight (kg) <sup>†</sup>	5	7	10	11	16
High Strength Grade Weight (kg) <sup>†</sup>	-	10	14	15	21
Super Strength Grade Weight (kg) <sup>†</sup>	-	10	14	15	-

	Solar Grade	Standard Grade	High Strength Grade	Super Strength Grade
Compressive Strength	2.9N/mm <sup>2</sup>	3.6N/mm <sup>2</sup>	7.3N/mm <sup>2</sup>	8.7N/mm <sup>2</sup>
Thermal Conductivity	0.11 W/mK	0.15 W/mK	0.18 W/mK	0.18 W/mK
Density	460 kg/m <sup>3</sup>	600 kg/m <sup>3</sup>	730 kg/m <sup>3</sup>	730 kg/m <sup>3</sup>

<sup>†</sup> Block weights at typical moisture content when laid. (Some manufacturers may quote weights which have not allowed for this.)

All shaded areas indicate that the product is a stock item. Other sizes can be made to order subject to minimum quantities.

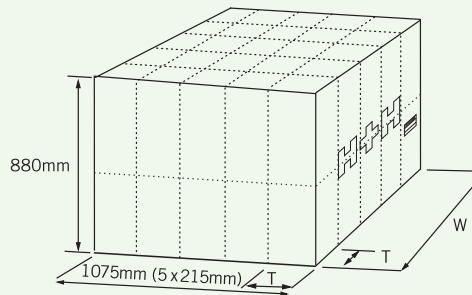
## Pack Information

Block Thickness (mm) = T	75	100	140	150	200	215	275	300	355
Blocks/m <sup>2</sup> laid 9.88 (10mm joints)									
Coverage per pack (m <sup>2</sup> )	16	112	8	8	6	5	4	4	3
Number of blocks per pack	160	120	80	80	60	50	40	40	30
Pack width (mm) = W	1200	1200	1120	1200	1200	1075	1100	1200	1065
Pack weight – Solar Grade (kg)*	-	660	-	-	-	590	-	-	-
Pack weight – Standard Grade (kg)	875	875	815	875	875	785	800	875	775
Pack weight – High Strength (kg)*	-	1175	1095	1175	1175	1055	1075	1175	1045

## Celcon Blocks (440mm x 215mm)



215mm



For further information and to check our most up-to-date product range, or to find your nearest stocking merchant, 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 887013

H+H UK will always endeavour to reflect our product range and technical information as accurately as possible. We may however, need to update both from time to time during the life of this brochure. Please check with either our Sales or Technical departments to obtain the latest information prior to specification and purchase.

\* Pack weight excludes pallet.