Celcon Foundation Blocks

Celcon Foundation Blocks are commonly used in a range of thicknesses for use below ground level. Offering beneficial thermal performance, they are suitable for the support of cavity or solid walls, framed construction or suspended floors, including beam and block floors. They are resistant to damage caused by water penetration.

With exceptional resistance to freeze/thaw conditions and sulfate attack when they occur below ground level: BBA certificate 01/3816 confirms that all Celcon Foundation Blocks are suitable for use in soil conditions from DS1 to DS4.

Celcon Foundation Blocks can be laid below ground level without mortar perpends. Simply lay them with mortared horizontal bed joints and then butt them together to prevent the passage of vermin.

Solar Grade can also be used below ground.

All Celcon Foundation Blocks may also be used above ground for solid wall construction.

Applications

- **Foundations**

Foundation Block
Standard Grade

Foundation Block
High Strength Grade

Foundation Block
Standard Grade
(140mm course height)

Foundation Block
High Strength Grade
(140mm course height)

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. Please check with either our Sales or Technical departments to obtain the latest information prior to specification and purchase.

Celcon Foundation Blocks

Face size	Standard Grade 325mm x 215mm	High Strength Grade 325mm x 215mm
Block Thickness (mm)	300	300
Block Weight (kg)†	16	19

Face size	Standard Grade 440mm x 215mm			High Strength Grade 440mm x 215mm		
Block Thickness (mm)	275	300	355	275	300	355
Block Weight (kg)†	20	22	26	27	29	35

Face size	Standard Grade 630mm x 140mm	High Strength 630mm x 140mm
Block Thickness (mm)	300	300
Block Weight (kg)†	20	23

	Standard Grade	High Strength
Compressive Strength	3.6N/mm²	7.3N/mm²
Thermal Conductivity	0.24 W/mK#	0.30 W/mK#
Density	600 kg/m³	730 kg/m³

Please note the thermal conductivity quoted for use below ground is different to that when used above DPC, because they may have a higher moisture content.

† Blocks 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 at all factories, other sizes can be made to order subject to minimum quantities.

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

For further information and to check our most up-to-date product range please visit our website **www.hhcelcon.co.uk** or contact the following departments:

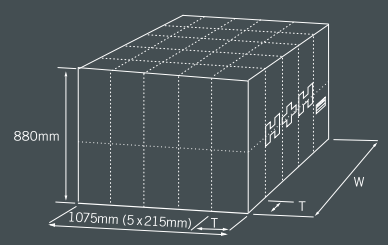
Sales
For sales enquiries or to find your local stockist please contact
Tel: 01732 886444
Fax: 01732 887013

Technical
For technical enquiries please contact
Tel: 01732 880580
Fax: 01732 887013
Email: technical.services@hhcelcon.co.uk

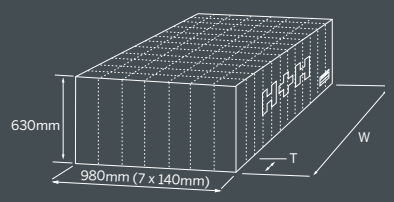
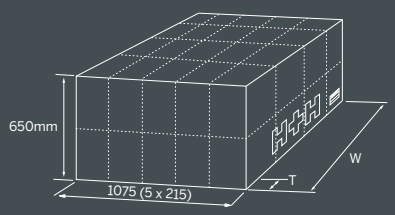
Pack information	440mm x 215mm			630mm x 140mm	325mm x 215mm
Block Thickness (mm) = T	275	300	355	300	300
Coverage per pack (m²)	4.0	3.0	3.0	2.7	3
Number of blocks per pack	40	30	30	28	40
Pack width (mm) = W	1100	900	1065	1200	1075
Pack Weight – Standard Grade (kg)*	800	655	775	565	646
Pack Weight – High Strength/Super Strength (kg)*	1075	1075	1045	655	742

* Pack weight excludes pallet.

Celcon Blocks and Celcon Foundation Blocks (440mm x 215mm)



Celcon Foundation Blocks (630mm x 140mm)



Celcon Foundation Blocks (325mm x 215mm)