

Foundation Blocks



Celcon Foundation Blocks are commonly produced 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 perpend. 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 (See page 9 for information).

All Celcon Foundation Blocks may also be used above ground, with appropriate finishes, for solid wall construction.

Applications

- Foundations
- Solid wall construction



Foundation Block
Standard Grade



Foundation Block
High Strength Grade



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
--------------------------------	----	----	----	----	----	----

	Standard Grade	High Strength Grade
--	----------------	---------------------

Compressive Strength	3.6N/mm ²	7.3N/mm ²
----------------------	----------------------	----------------------

Thermal Conductivity	0.24 W/mK*	0.29 W/mK*
----------------------	------------	------------

Density	600 kg/m ³	730 kg/m ³
---------	-----------------------	-----------------------

† 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.

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

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

Pack Information	325 x 215mm face size
------------------	-----------------------

Block Thickness (mm) = T	215
--------------------------	-----

Coverage per pack (m ²) – 10mm joint	3
--	---

Number of blocks per pack	40
---------------------------	----

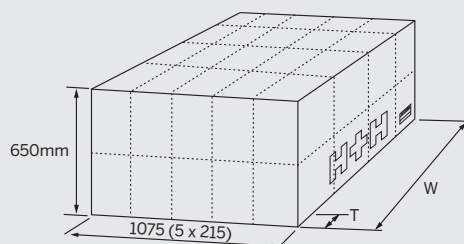
Pack width (mm) = W	1075
---------------------	------

Pack weight – Standard Grade (kg)*	646
------------------------------------	-----

Pack weight – High Strength/Super Strength (kg)*	742
--	-----

* Pack weight excludes pallet.

Celcon Foundation Blocks (325mm x 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 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