

Details of all H+H products are contained within NBS Plus (see 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 Web: www.hhcelcon.co.uk Email: info.uk@hplush.com (general enquiries); tsd@hplush.com (technical enquiries)			
	<u>Solar Grade</u>	<u>Standard Grade</u>	<u>High Strength Grade</u>	<u>Super Strength Grade</u>
Product reference:	Celcon Solar	Celcon Standard	Celcon High Strength	Celcon Super Strength
Configuration:	Aerated solid	Aerated solid	Aerated solid	Aerated solid
Mean compressive strength:	2.9 N/mm ²	3.6 N/mm ²	7.3 N/mm ²	8.7 N/mm ²
Category:	Category II	Category II	Category I	Category I
Thermal conductivity:	0.11 W/mK.	0.15 W/mK.	0.18 W/mK.	0.18 W/mK
Work sizes (Length x width x height):	440 x (consult H+H literature for available thicknesses) x 215 mm			
Tolerance Category:	GPLM			

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 Web: www.hhcelcon.co.uk Email: info.uk@hplush.com (general enquiries); tsd@hplush.com (technical enquiries)			
	<u>Solar Grade</u>	<u>Standard Grade</u>	<u>High Strength Grade</u>	<u>Super Strength Grade</u>
Product reference:	Celcon Solar Plus	Celcon Standard Plus	Celcon High Strength Plus	Celcon Super Strength Plus
Configuration:	Aerated solid	Aerated solid	Aerated solid	Aerated solid
Mean compressive strength:	2.9 N/mm ²	3.6 N/mm ²	7.3 N/mm ²	8.7 N/mm ²
Category:	Category II	Category II	Category I	Category I
Thermal conductivity:	0.11 W/mK.	0.15 W/mK.	0.18 W/mK.	0.18 W/mK
Work sizes (Length x width x height):	630 x (consult H+H literature for available thicknesses) x 215 mm			
Tolerance Category:	GPLM			

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

H+H Jumbo Bloks 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 Web: www.hhcelcon.co.uk Email: info.uk@hplush.com (general enquiries); tsd@hplush.com (technical enquiries)			
	<u>Solar Grade</u>	<u>Standard Grade</u>	<u>High Strength Grade</u>	<u>Super Strength Grade</u>
Product reference:	Solar	Standard	High Strength	Super Strength
	Jumbo Blok	Jumbo Blok	Jumbo Blok	Jumbo Blok
Configuration:	Aerated solid	Aerated solid	Aerated solid	Aerated solid
Mean compressive strength:	2.9 N/mm ²	3.6 N/mm ²	7.3 N/mm ²	8.7 N/mm ²
Category:	Category II	Category II	Category I	Category I
Thermal conductivity:	0.11 W/mK.	0.15 W/mK.	0.18 W/mK.	0.18 W/mK
Work sizes (Length x width x height):	630 x (100 or 140) x 250 mm			
Tolerance Category:	TLMA			
Mortar:				
Standard:	Thin layer mortar to BS EN 998-2			
Manufacturer:	H+H UK Ltd			
Product reference:	Celfix Mortar			
Bond:	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 Web: www.hhcelcon.co.uk Email: info.uk@hplush.com (general enquiries); tsd@hplush.com (technical enquiries)		
	<u>Standard Grade</u>	<u>High Strength Grade</u>	<u>Super Strength Grade</u>
Product reference:	Standard Foundation	High Strength Foundation	Super Strength Foundation
Configuration:	Aerated solid	Aerated solid	Aerated solid
Mean compressive strength:	3.6 N/mm ²	7.3 N/mm ²	8.7 N/mm ²
Category:	Category II	Category I	Category I
Thermal conductivity:	0.25 W/mK.	0.32 W/mK.	0.32 W/mK
Work sizes (Length x width x height):	440 x (275 or 300 or 355) x 215 mm		
Tolerance Category:	GPLM		

Celcon Blocks for Beam and Block Floors

E60 Precast/ Composite Concrete Floors/ Roof Decks

295 Autoclaved aerated concrete infill blocks

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

297 Proprietary autoclaved aerated concrete infill blocks

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

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

325 Grouting

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