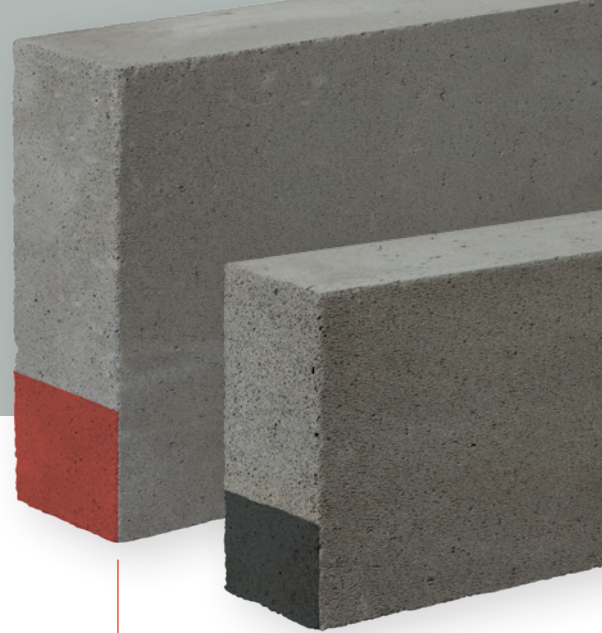


# High Strength Grade and Super Strength Grade



Super Strength Grade (red)

High Strength Grade (black)

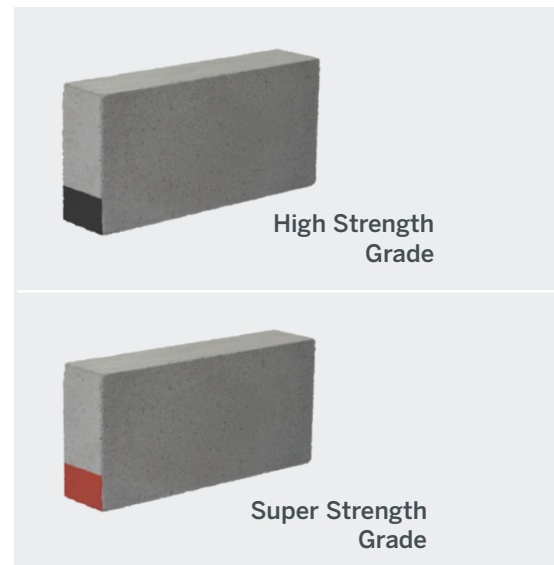
High Strength Grade and Super Strength Grade are used principally where higher compressive strengths are required such as in the foundations and lower storeys of three and four storey buildings, piers under high vertical loads and in multi-storey buildings.



Higher Strength grades are available in compressive strengths of  $7.3\text{N/mm}^2$  and  $8.7\text{N/mm}^2$  and in thicknesses from 100mm to 355mm (Super strength up to 150mm). They are third party accredited under BBA and certified for use in the applications listed.

## Applications

- Internal and external leaf of cavity walls
- Solid walls
- Separating walls
- Flanking walls
- Partitions
- Multi-storey buildings
- Foundations



High Strength Grade

Super Strength Grade

Note: High Strength Grade and Super Strength Grade aircrete is identified with a black or red line respectively. Whilst the colour remains consistent, the positioning of the line may vary.



# High Strength Grade and Super Strength Grade

	High Strength Grade* (black)	Super Strength Grade* (red)
<b>Celcon Foundation Block</b> 325 x 215mm		
<b>Scratch Marked Celcon Block</b> 440 x 215mm and Foundation Blocks (all sizes)		
<b>Plain Face Celcon Block</b> 440 x 215mm and Foundation Blocks (all sizes)		
<b>Celcon Block Coursing Unit</b> 215 x 65mm		
<b>Plain Face Celcon Plus Block</b> 630 x 215mm		
<b>Plain Face Jumbo Bloks</b> 630 x 250mm		

\* Whilst the colour reference for High Strength and Super Strength Grades remain consistent, the positioning of the line may vary.

## Celcon Blocks

### High Strength and Super Strength Grades

	High Strength Grade
<b>Compressive Strength</b>	7.3N/mm <sup>2</sup>
<b>Thermal Conductivity</b>	0.18 W/mK
<b>Density</b>	730 kg/m <sup>3</sup>

	Super Strength Grade
<b>Compressive Strength</b>	8.7N/mm <sup>2</sup>
<b>Thermal Conductivity</b>	0.18 W/mK
<b>Density</b>	730 kg/m <sup>3</sup>

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