

# Beam and Block Product Information



## A high strength, robust, medium density and load bearing block for use in beam and block applications.

Beam and Block is a construction method to support flooring, especially for ground floors as well as multi storey buildings. It is made of cast concrete, one piece of which is a prestressed concrete Beam which can be inverted T-shape beam, or lintel, the other piece being a simple rectangular block, manufactured by Ronez. The blocks are placed at regular intervals and the beams placed between them to form a connection between each block section.

## Advantages of Beam and Block

### Rigid construction

A block and beam floor eliminates the bounce associated with timber floors. Shrinkage is minimal and block and beam floors do not creak in use.

### Sound

Noise within homes is a source of frustration to home owners. Block and beam concrete floors, used for years in the construction of flats, are now widely used in housing to produce quieter homes.

### Rapid installation

As the block and beam floor is delivered to site ready for use, only simple installation techniques are needed, floors are quickly installed.

### Safe working platform

As soon as the flooring is installed, the floor can safely be used as a working platform, allowing the inner leaf construction work to commence.

# Beam and Block Product Information

- Available in solid format with a standard strength of 7.3N/mm<sup>2</sup>
- 10.4 Nmm<sup>2</sup> block are available subject to order
- For use internally and externally, both above and below dpc (7.3N/mm<sup>2</sup>)

## Beam Blocks product range

Size (mm)	440 x 215
Thickness (mm)	100
Density (kg/m <sup>2</sup> )	2070
Weight (kg)	19.60
Strength	7.3 - 10.4N/mm <sup>3</sup>
Colour	Natural
Finish	Standard
Thermal conductivity (W/mk)	Internal 1.07 External 1.17

### Ronez Limited

Les Vardes Quarry, St Sampson  
Guernsey GY2 4TF  
Tel: +44 (0)1481 256426

sales@ronez.com  
www.ronez.com

### Ronez Limited

Momains Yard, Vale  
Guernsey GY2 5TZ  
Sales: +44 (0)1481 201300  
Technical: +44 (0)1481 201312

### Ronez Limited

La Route du Nord, St John  
Jersey JE3 4AR  
Tel: +44 (0)1534 867212  
Technical: +44 (0)1534 867214



PART OF THE ISLANDS' FOUNDATIONS

The information contained within this publication was accurate at time of production. However, Ronez Limited reserves the right to introduce modifications or changes to detail at any time without notice. No charge is levied for this publication or advice therein, and accordingly the company, its employees and authorised agents can accept no liability whatsoever, either indirectly or directly arising from the use of its products in connection with any information or advice contained in this guide.

A SigmaRoc PLC Company.