

SEE REVERSE  
FOR SOLUTIONS  
TO PART E AND PART L



## PRODUCT RANGE

Beam & Block Floors • Hollowcore Floors  
TETRIS Insulated Floors • Beam & Block Robust Details  
Beamshield Plus Insulated Floors • Precast Concrete Stairs

- A comprehensive free design service is available, please send full working drawings to the estimating department at our Head Office
- We offer our products on both a supply only and a supply and fix basis
- Calculations issued on request for submission to local authority
- All beams are manufactured to BS8110:Part1:1985:Section 4
- Design Warranty available upon request.

## GROUND FLOORS

- Three flooring systems available, all complying with Part L Building Regulations for Thermal Efficiency.
- U-Values of 0.10 W/m<sup>2</sup>K can be achieved.
- A choice of floor finishes can be applied to the traditional beam and block floor, such as screed or chipboard on insulation.
- Ancillaries to compliment ground floors include; vents, air bricks, 45 mm and 90 mm coursing blocks and closure blocks.

### BEAM & BLOCK

#### BENEFITS

- Beams manufactured to BS8110
- Minimum camber due to wet cast beam
- Installation in adverse weather
- Immediate working platform
- Long spans saving foundation costs



### TETRIS

#### BENEFITS

- Independently tested and certified by BRE Certification Ltd. Certificate No. 093/02
- Very high thermal performance
- Produces a floor structure with zero cold bridges
- Can easily incorporate a gas membrane



### BEAMSHIELD PLUS

#### BENEFITS

- Independently tested and certified by British Board of Agrément Agrément Certificate No. 04/4112
- Excellent insulation values
- Expanded polystyrene panels designed to minimise cold bridging



Manufacturing plants at Dewsbury, West Yorkshire and Herstmonceux, East Sussex enables deliveries to be made on a national basis.

## UPPER FLOORS

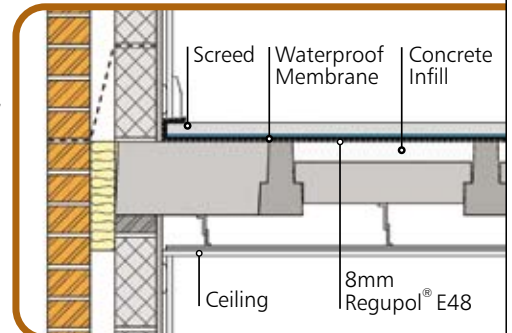
- Three flooring systems available complying to Robust Details Ltd.
- Further beam and block flooring system available for upper floors in houses offering excellent sound performance, in accordance with Part E Building Regulations.
- The joists are non-combustible and offer a fire resistance of half hour for standard beam and one hour for wide beam.
- Ancillaries to compliment the upper floors include ceiling clips, precast concrete staircases and various steel trimmers.

### ROBUST DETAILS

There are two robust details for Beam and Block Flooring:

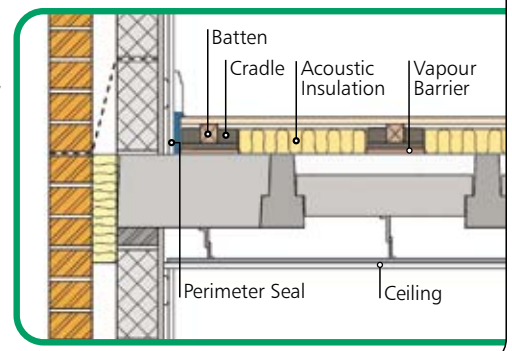
#### E-FC-6

Beam and block floor with precast or in-situ edge beams with screed laid on Regupol® E48 resilient layer system.



#### E-FC-7

Beam and block floor with precast or in-situ edge beams using floating floor treatment



### HOLLOWCORE

#### BENEFITS

- Planks manufactured to BS8110
- Meets Part E requirements and has Robust Detail status
- Significant span/load capability



Precast Concrete Stairs



C. R. LONGLEY & Co Ltd.

Head Office: Ravensthorpe Road, Thornhill Lees, Dewsbury, West Yorkshire WF12 9EF

Tel: 01924 464283 Fax: 01924 459183

Web: [www.longley.uk.com](http://www.longley.uk.com) Email: [sales@longley.uk.com](mailto:sales@longley.uk.com)