



0836

**Rackham Housefloors Ltd**

Mill Street East, Dewsbury, West Yorkshire, WF12 9TA

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0836-CPD-13/F038

BS EN 15037-1:2008

Beams for beam-and-block systems

**PRESTRESSED BEAMS**

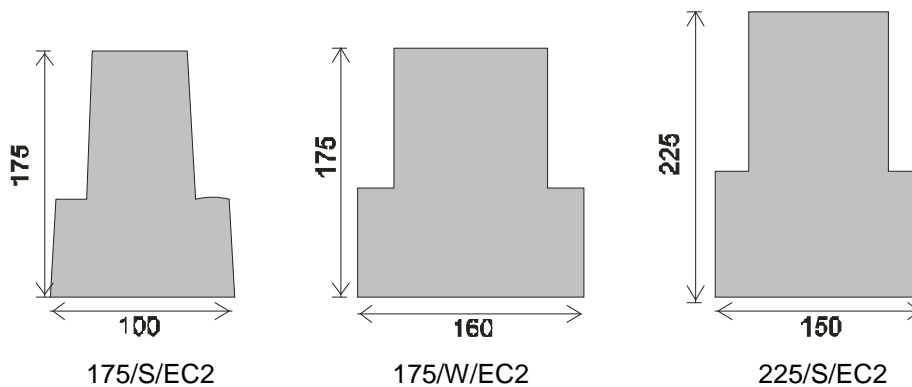
Concrete:

Compressive strength..... $f_{ck} = 50\text{N/mm}^2$

Prestressing Steel:

Ultimate tensile strength..... $f_{pk} = 1770\text{N/mm}^2$

Tensile 0,1% proof-stress..... $f_{p0,1k} = 1556\text{N/mm}^2$



Measures in mm

Nominal Section sizes: as above

Length : = (marked length  $\pm 25$ )mm

Wire patterns:

175/S/EC2 (2w) 2 x 5mm  $\emptyset$  wire

175/S/EC2 (3w) 3 x 5mm  $\emptyset$  wire

175/S/EC2 (5w) 5 x 5mm  $\emptyset$  wire

175/W/EC2 (8w) 8 x 5mm  $\emptyset$  wire

225/S/EC2 (7w) 7 x 5mm  $\emptyset$  wire

For installation, design and structural performance see relevant drawings, technical specification sheets and calculations.

For all other details including durability see the technical documentation: Rackham Technical Department on 01924 455876 or [www.rackhamhousefloors.co.uk](http://www.rackhamhousefloors.co.uk)