



# Hi-Strength 7

## External Walls • Foundations • Partitions • Separating Walls

**KEY DATA****Strength**7.3N/mm<sup>2</sup>**Thermal conductivity**

0.18W/m.K

**Density**730Kg/m<sup>3</sup>

Hi-Strength 7 has been specifically designed for applications such as flats of three storeys and above, offices, supermarkets and retail parks, where loading conditions require a 7.3N/mm<sup>2</sup> building block.

- Available in large format
- For use with thin layer mortar

**Working dimensions**

Face dimensions (mm) 440 x 215, 440 x 430\*

**Thickness and weights**

Block thicknesses and weights at equilibrium density (for 440 x 215mm)

Thickness (mm)	100	115 <sup>†</sup>	125 <sup>†</sup>	140	150	190 <sup>†</sup>	200	215
Weight <sup>1</sup> (kg)	7.1	8.2	8.9	10.0	10.7	13.5	14.2	15.3

**Properties**Mean compressive strength not less than 7.3N/mm<sup>2</sup>Design thermal conductivity ( $\lambda$ ) 0.18W/m.KDry thermal conductivity value: ( $\lambda_{10,dry, unit}$ ) 0.16W/m.KSpecified gross dry density 730kg/m<sup>3</sup>

<sup>1</sup> Weights quoted are based on 3% equilibrium moisture content. For typical as-received weights the above figures should be increased by a further 19%. This is, however, dependent on climatic and storage conditions.

<sup>†</sup> Manufactured to special order only.