



## 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 Thermalite Thin Layer Mortar

### Working dimensions

Face dimensions (mm) 440 x 215, 440 x 430<sup>†</sup>

### Thicknesses and weights

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

Thickness (mm)	100	115	125	140	150	190	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.K

Dry thermal conductivity value: ( $\lambda_{10,dry, unit}$ ) 0.16W/m.K

Specified 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.