

**KEY DATA****Strength**7.3N/mm²**Thermal conductivity**

0.18W/m.K

Density730Kg/m³

Hi-Strength 7

External Walls • Foundations • Partitions • Separating Walls

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/mm² 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 [†]	125 [†]	140	150	190 [†]	200	215
Weight ¹ (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/mm²

Design thermal conductivity (λ) 0.18W/m.K

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

Specified gross dry density 730kg/m³

¹ 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.

[†] Manufactured to special order only.