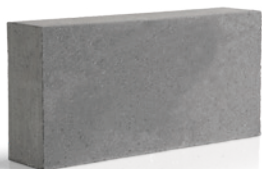


THERMALITE

a Forterra brand

Technical Datasheet

Thermalite Hi Strength Paint Grade



Hi-Strength Paint Grade

Inner Leaves of External Walls • Partitions

KEY DATA

Strength

7.3N/mm²

Thermal conductivity

0.18W/m.K

Density

730Kg/m³

Hi-Strength Paint Grade combines a high quality appearance with the compressive strength of Thermalite Hi-Strength blocks.

Working dimensions

Face dimensions (mm) 440 x 215

Thickness and weights

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

Thickness (mm)	100	140	150 [†]	190 [†]	200 [†]	215 [†]
Weight [†] (kg)	7.1	10.0	10.7	13.5	14.2	15.3

Note: If required, Hi-Strength Paint Grade can also be laid fair-faced. However, consideration should be given to the fact that colour variation can occur.

It is recommended that a Hi-Strength Paint Grade sample panel is erected for comparison purposes before construction commences and that selection is undertaken during construction. It may also be necessary to fill small blow holes before decoration.

Due to thickness variations within manufacturing tolerances, it may be difficult to build solid partition walls which have a smooth and even surface on both sides.

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.

Forterra

222 Peterborough Road, Whittlesey, Cambridgeshire PE7 1PD
Tel: 0330 123 1018 Fax: 01733 206040

Email: asktechnical@forterra.co.uk
Follow: [@ForterraUK](https://www.instagram.com/ForterraUK)
Web: forterra.co.uk