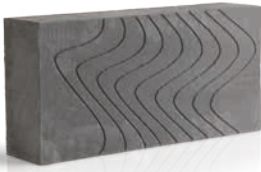


THERMALITE

a Forterra brand

Technical Datasheet

Thermalite Floorblock



Floorblock

Beam & Block Floors

KEY DATA

Strength

4.0N/mm²

Thermal conductivity

0.16W/m.K

Density

660Kg/m³

Floorblock is an efficient method of providing insulated floors. It is light in weight and is designed for use with all proprietary T-beams and can improve the thermal performance of the floor.

Specifications

Floorblock

Face Dimensions (mm)	440 x 215	440 x 350 [†]	540 x 440*
Block Thickness (mm)	100	100	100
Block Weight [†] (kg)	6.5	10.5	16.2

Note: After the Floorblocks have been positioned, before any traffic or loading is allowed and before any floor finish is commenced, the floor must be grouted with a 1:4 cement/sharp sand composition.

Properties

Mean compressive strength not less than 4.0N/mm²

Design thermal conductivity (λ) 0.16W/m.K

Dry thermal conductivity value: ($\lambda_{10, \text{dry, unit}}$) 0.14W/m.K

Specified gross dry density 660kg/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 20%. This is, however, dependent on climatic and storage conditions.

[†] Manufactured to special order only.

* Blocks can be laid to correspond with 540mm beam spacing (660Kg/m³ density only).



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