

Floorblock

- beam and block floors

Strength 4.0 N/mm²

Thermal conductivity 0.16 W/mK

Density 660 kg/m³



Thermalite Floorblock is an efficient method of providing insulated floors; it is light in weight and is designed for use with all proprietary inverted T-beams.

- Improves thermal performance of the floor
- 3 face sizes give 4 alternative options on beam spacing

Ancillary products

- Special Floor Endblocks are available
- Coursing Slips provide two modular bedding heights for the closing edges of the floor

Installation

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

Dimensions

Floorblock: face dimensions (mm): 440 × 350, 440 × 215, 440 × 540

Floor Endblock: face dimensions (mm): 440 × 140

Coursing Slips: face dimensions (mm): 215 × 100

Thicknesses and weights

Floorblock

face dimensions (mm)	440 × 350	440 × 215	440 × 540
block thickness (mm)	100	100	100
block weight* (kg)	10.5	6.4	16.2

Floor Endblock

face dimensions (mm)	440 × 140
block thickness (mm)	150 175
block weight* (kg)	6.0 7.0

Coursing Slips

face dimensions (mm)	215 × 100
block thickness (mm)	40 65

* Block weights are calculated using specified dry density, with a moisture content of 3% by weight added to provide the equilibrium value.

Properties

Average saturated compressive strength: not less than 4.0 N/mm²

Designed thermal conductivity (λ): 0.16 W/mK

Specified dry density: 660 kg/m³