

Party Wall

• party walls • partitions • external walls • foundations

Strength 4.0 N/mm²

Thermal conductivity 0.16 W/mK

Density 660 kg/m³



Thermalite Party Wall is a lightweight concrete block that gives high levels of sound reduction in separating walls between buildings.

- Suitable for both solid and cavity separating walls

Dimensions

Face dimensions (mm): 440 × 215, 440 × 430

Thicknesses and weights

Block weights at equilibrium density (for 440 × 215 mm face dimension)

block thickness (mm)	100	215
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block weight* (kg)	6.4	13.8
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wall weight† (kg/m ²)	75	162
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* Block weights are calculated using specified dry density, with a moisture content of 3% by weight added to provide the equilibrium value.

† Weight of erected wall (including mortar). Add 11 kg/m² per side for a 2-coat lightweight plaster finish (24 kg/m² for dense plaster).

Tolerances

For general use mortar: Length and height: + 3 mm - 5 mm
Thickness: ± 4 mm max. (± 2 mm average)

For thin joint mortar:
Length: ± 3 mm
Height: ± 1.5 mm
Thickness: ± 2 mm

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

Drying shrinkage: complies with BS 6073: Part 1

