



Trenchblock/Tongue & Groove Foundations

KEY DATA**Strength**3.6N/mm²**Thermal conductivity**Above dpc:
0.15W/m.KBelow Ground:
0.24W/m.K**Density**600Kg/m³

Thermalite Trenchblock is a tried and tested, economical alternative to the construction of cavity walls with concrete infill, engineering bricks or heavy aggregate blocks for foundations.

- For use in soils of up to Design Sulfate Class DS 4
- Available with tongue and groove joints and handholds
- Improves thermal performance
- Eliminates the need to mortar perpend

Working dimensions

Face dimensions (mm) 440 x 215, 440 x 140*

Thickness and weights

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

Thickness (mm)	255 [†]	275 [†]	300	355
Weight¹ (kg)	14.9	16.1	17.5	20.8

PropertiesMean compressive strength not less than 3.6N/mm²Design thermal conductivity (λ) 0.15W/m.K (above dpc),
0.24W/m.K (below ground)Dry thermal conductivity value: ($\lambda_{10,dry, unit}$) 0.13W/m.KSpecified gross dry density 600kg/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.

* Not available with tongue and groove joints

† Manufactured to special order only.