



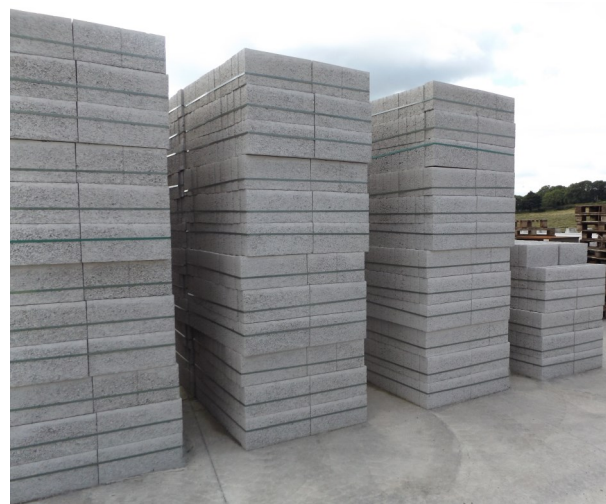
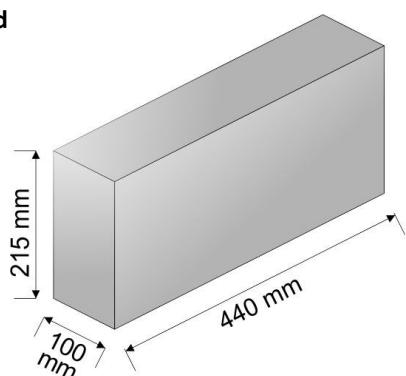
# Product Specification

## EcoLite™ Masonry Blocks

Barleystone EcoLite Masonry Blocks are the perfect Lightweight Thermal Solution for wall construction.

Available in standard 7.5N the EcoLite Block maintains excellent load-bearing and longevity properties.

4" Solid



### Benefits

- ⇒ Superb Thermal Performance
- ⇒ Excellent 7.5N/mm<sup>2</sup> Compressive Strength
- ⇒ Lightweight Easy to Handle at 11kg/Block
- ⇒ Reduced Loading
- ⇒ Can be used in External and Internal Walls

**We manufacture to the highest quality standards. All blocks produced by Barleystone are Category 1 and are manufactured to level 2+ Factory Production Control I.S. EN771-3 and the NSAI Quality Management System I.S. EN ISO9001.**

**Raw Materials:** Milled Sand, Pumice Stone, Ecocem™ GGBS Cement.

**Manufacturing process:** Hydraulically pressed

**Manufacturing Standards:** IS EN 771-3

**Density:** 1100Kg/m<sup>3</sup> – Ecolite Blocks have a very low water absorption rate

and the drying shrinkage values are considerably below BS 6073:Part 1

**Fire Resistance:** In accordance with BS5628: Part 3 1985

**Fire Performance:** 2 hours for load/non load bearing walls **Compressive Strength:** 7.5N/mm<sup>2</sup>

**Sound Insulation:** 50dB

**Thermal Conductivity (K):** 0.23 w/mk

**Blocks:** To BS 6073—1 and BS EN 771-3:2003

**Type:** Solid

**Weight:** 100mm (4" Solid) 11kg/block

**Quality Systems:** European Standards—Barleystone Paving are BS EN ISO 9001:2008 registered



The EcoLite Block is a perfect solution to the heat lost through Thermal Bridges such as Floor to Wall connections as above.

Product	Strength N/mm <sup>2</sup>	Dimensions (mm)	No per Strap	Weight Kg each
4" Solid	7.5	440 x 215 x 100	44	11