

# **TOPLITE**

*FOUNDATION*

Extremely versatile lightweight blocks



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## FOUNDATION

*TOPLITE is a range of versatile aircrete blocks providing solutions below ground in foundation walls, in suspended beam and block floors and all types of internal and external walling situations. Its use provides many benefits for specifiers and contractors, making it the natural choice where blockwork is specified. TOPLITE FOUNDATION blocks are produced specifically for use below DPC to replace the inner and outer leaf, wall ties and concrete fill associated with traditional build methods.*

### INCREASED PRODUCTIVITY

One block for inner and outer leaf. No wall ties, faster construction times.

### EXCELLENT THERMAL PERFORMANCE

The use of Toplite Foundation blocks helps to achieve lower U-values in ground floors as it provides a degree of vertical perimeter insulation. It also lowers the heat loss from thermal bridging and gives better 'psi' values in energy calculations.

### FAST BUILDING BLOCKS

Toplite blocks are light and easy to handle, decreasing build times.

### EASY TO WORK

Cutting is straight forward and quick to achieve using standard tools.

### FIRE

All Toplite products conform to a fire rating of Class A1 to BS EN 13501.

## PRODUCT PROPERTIES

PRODUCT	COMPRESSIVE STRENGTH N/mm <sup>2</sup> *	BLOCK THICKNESS mm	FACE SIZES, mm LENGTH X HEIGHT	THERMAL CONDUCTIVITY $\lambda$ (W/mK)	DRY DENSITY kg/m <sup>3</sup>	SULPHATE SOIL CONDITIONS	UNIT WEIGHT kg**	LAI D WEIGHT kg/m <sup>2</sup> **	NUMBER OF BLOCKS PER m <sup>2</sup> OF WALL
TOPLITE FOUNDATION	3.6	300	440 x 215	0.16 (approx. 0.26 below ground) <sup>(1)</sup>	630	DS1, DS2, DS3	18.4	217	10
TOPLITE FOUNDATION 7	7.3	300	440 x 215	0.19 (approx. 0.30 below ground) <sup>(1)</sup>	730	DS1, DS2, DS3	21.3	246	10

\*Manufactured to Category 2 manufacturing control. \*\*Unit and laid weights, which are given for design purposes, are approximate and calculated based on the specified dry density with a moisture content of 3% by weight added to provide equilibrium weights. (1) The below ground thermal conductivity value will change dependent upon moisture content.

To find out more about our range of BLOCKS and the best solution for your project call **0345 013 3592**  
Check out our U-value Calculator [www.tarmac.com/u-value-calculator](http://www.tarmac.com/u-value-calculator)

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