

# ***TOPLITE*** *FLOOR BLOCK*

Extremely versatile lightweight blocks



# TOPLITE

## FLOOR BLOCK

*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 FLOOR blocks provide fast installation and effective thermal and acoustic insulation.*

### GOOD THERMAL PERFORMANCE

Improves the thermal performance for ground floors and may reduce the amount of ground floor insulation needed compared to the use of denser blocks. This will be further improved when used in combination with Toplite Foundation blocks.

### FAST BUILDING BLOCKS

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

### COST SAVINGS

The use of Toplite Floor blocks can achieve economy in the overall design of the floor by reducing the dead load and allowing greater beam spacing when the blocks span the 535mm dimension. This reduces the amount of beams required.

### EASY TO WORK

Cutting is straightforward and quick to achieve using standard tools.

### FIRE

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

### SOUND INSULATION

The Building Regulations Approved Document E requires certain internal walls and floors in dwellings to meet a performance standard of  $40R_w$  dB. Acoustic tests confirm that the airborne sound reduction ( $R_w$ ) for a floor finished with a 50mm sand and cement screed and plasterboard ceiling achieves this standard.

Note: This construction would not be suitable for sound separating floors.

## 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>	UNIT WEIGHT kg**	NUMBER OF BLOCKS PER PACK
FLOOR BLOCK	3.6	100	440 x 535	0.16	630	15.3	18
	3.6	100	440 x 215 <sup>(1)</sup>	0.16	630	6.1	45

\*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) Can only be spanned in the 215mm dimension.

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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