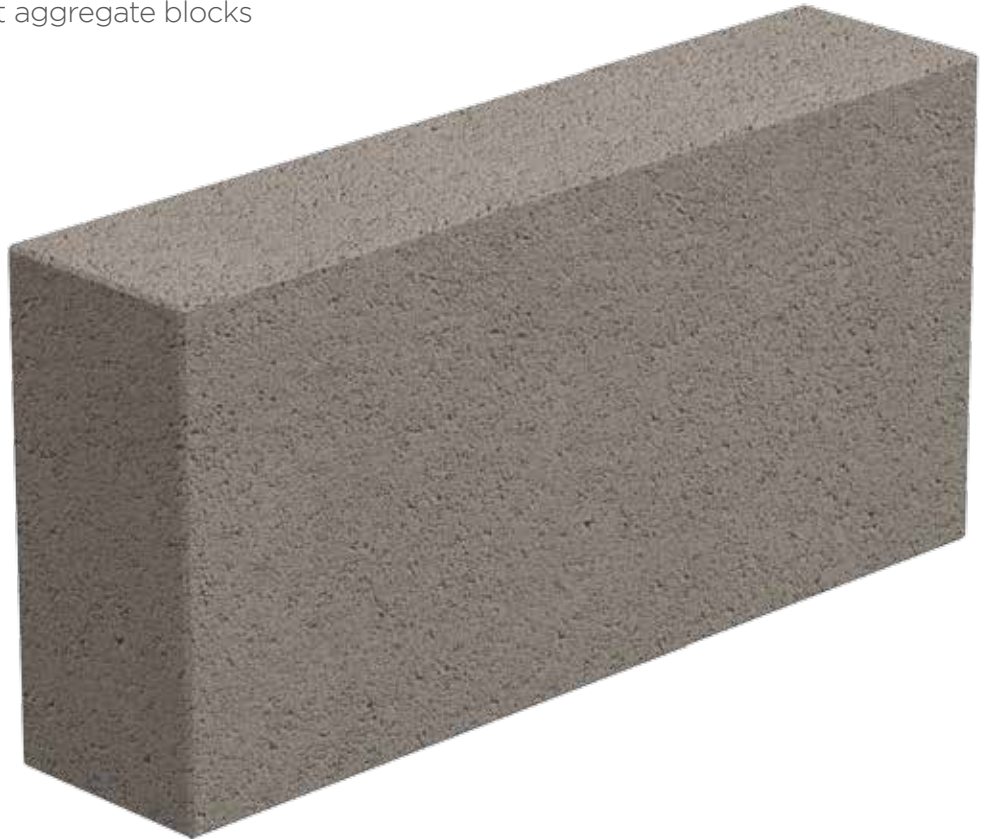


HEMELITE

PAINT QUALITY

Highly versatile, lightweight aggregate blocks



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Ideal for walls in
commercial &
leisure buildings

Highly versatile, lightweight aggregate blocks

HEMELITE is a range of lightweight aggregate blocks available in a variety of formats and suited to a number of loadbearing applications. HEMELITE PAINT QUALITY blocks are close textured blocks for walls in commercial and leisure buildings which are to receive direct decoration.

LOW UNIT WEIGHT

Easy to handle, high strength to weight ratio, lower overall build weight.

RANGE OF STRENGTHS

A range of options available for a wide range of specifications.

SOUND INSULATION

Excellent sound insulation properties that comply with the Building Regulations. Sound reduction values for single leaf walls are given in the following tables.

EASY TO DECORATE

Designed to take a paint finish.

FIRE

All Hemelite products conform to a fire rating of Class A1 to BS EN 13501. Typical fire resistance values are shown below and based on the UK National Annex to Eurocode 6 (BS EN 1996-1-2).

TECHNICAL PROPERTIES

PRODUCT	COMPRESSIVE STRENGTH N/mm ² ⁽¹⁾	BLOCK THICKNESS mm	FACE SIZES, mm LENGTH X HEIGHT	THERMAL CONDUCTIVITY λ (W/mK) INT	DRY DENSITY kg/m ³	SULPHATE SOIL CONDITIONS	MOISTURE MOVEMENT mm/m	BLOCK WIDTH POTENTIALLY >20kg**
HEMELITE PAINT QUALITY SOLID	3.6	100, 140*	440 x 215	0.57	1450	DS1	<0.80	140
	7.3	100, 140*	440 x 215	0.57	1450	DS1, DS2, DS3	<0.80	140
	10.4*	100, 140	440 x 215	0.60	1500	DS1, DS2, DS3	<0.80	140

* Denotes a made to order product. Please note availability may be dependent on order quantity and delivery location.

** Blocks can potentially be greater than 20kg if they become saturated.

SIZES & WEIGHTS

HEMELITE PAINT QUALITY (3.6 N/mm ²)		SOLID		SOLID	
Block Width (mm)		100		140	
Unit weight (kg)		14.1		19.8	
Laid weight (kg/m ²)		152		212	
HEMELITE PAINT QUALITY (7.3 N/mm ²)		SOLID		SOLID	
Block Width (mm)		100		140	
Unit weight (kg)		14.1		19.8	
Laid weight (kg/m ²)		152		212	
HEMELITE PAINT QUALITY (10.4 N/mm ²)		SOLID		SOLID	
Block Width (mm)		100		140	
Unit weight (kg)		14.6		20.5	
Laid weight (kg/m ²)		157		219	

Unit and laid weights are given for design purposes and are based on 3% moisture content.

SOUND AND FIRE PROPERTIES

PRODUCT	BLOCK THICKNESS mm	SOUND INSULATION (SINGLE LEAF WALLS), R _w (dB)	FIRE RESISTANCE (HOURS) BS EN 1996:1-2	
			SINGLE LEAF WALL, NO FINISH	
		NO FINISH	NON-LOADBEARING	LOADBEARING
HEMELITE PAINT QUALITY SOLID (3.6, 7.3, 10.4 N/mm ²)	100	45	4	2
	140	48	4	3

APPLICATIONS

PRODUCT	COMPRESSIVE STRENGTH M/mm ² ⁽¹⁾	CAVITY INNER LEAF	CAVITY EXTERNAL LEAF	SEPARATING (PARTY) WALL	PARTITIONS	BELOW DPC LEVEL
HEMELITE PAINT QUALITY SOLID	3.6	✓	✗	✗	✓	✗ ⁽²⁾
	7.3	✓	✗	✗	✓	✓
	10.4	✓	✗	✗	✓	✓

(1) Manufactured to Category 2 manufacturing control. (2) Can be used below DPC in inner leaf of cavity wall.

To find out more about our range of BLOCKS and the best solution for your project call **0345 606 2468**
Check out our U-value Calculator www.tarmac.com/u-value-calculator

TARMAC.COM