

TOPCRETE

PAINT QUALITY

Robust, durable, dense aggregate blocks



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Ideal for commercial
and leisure buildings

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

ROBUST AND DURABLE

Suitable for use in all types of buildings.

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 Topcrete 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
TOPCRETE PAINT QUALITY SOLID	7.3	100, 140*	440 x 215	1.18	1850	-	<0.80	140
	10.4*	100, 140*	440 x 215	1.18	1850	-	<0.80	140
TOPCRETE PAINT QUALITY SOLID MIDI	7.3	140	290 x 215	1.18	1850	-	<0.80	-
TOPCRETE PAINT QUALITY MULTICORE	7.3*	140	440 x 215	0.78	1850	-	<0.80	-
						-		-
TOPCRETE PAINT QUALITY HOLLOW	7.3	215	440 x 215	0.98	1850	-	<0.80	215

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

SIZES & WEIGHTS

TOPCRETE PAINT QUALITY SOLID (7.3 & 10.4 N/mm ²)			
Block Width (mm)	100	140	215
Unit weight (kg)	17.8	24.9	-
Laid weight (kg/m ²)	187	262	-
TOPCRETE PAINT QUALITY SOLID MIDI (7.3N/mm ²) (1)			
Block Width (mm)	-	140	-
Unit weight (kg)	-	16.4	-
Laid weight (kg/m ²)	-	262	-
TOPCRETE PAINT QUALITY MULTICORE (7.3 N/mm ²)			
Block Width (mm)	-	140	215
Unit weight (kg)	-	18.4	-
Laid weight (kg/m ²)	-	199	-
TOPCRETE PAINT QUALITY HOLLOW (7.3 N/mm ²)			
Block Width (mm)	-	-	215
Unit weight (kg)	-	-	25.6
Laid weight (kg/m ²)	-	-	237

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

(1) Midi face size is 290 x 215mm.

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
TOPCRETE PAINT QUALITY SOLID AND SOLID MIDI	100	48	4	2
	140	51	4	3
TOPCRETE PAINT QUALITY MULTICORE	140	51	4	3
TOPCRETE PAINT QUALITY HOLLOW	215	51	4	4

APPLICATIONS

PRODUCT	COMPRESSIVE STRENGTH M/mm ² (1)	CAVITY INNER LEAF	CAVITY EXTERNAL LEAF	SEPARATING (PARTY) WALL	PARTITIONS	BELOW GROUND LEVEL	DIRECT RENDER (2 coat traditional)		BEAMS & BLOCK FLOORS
							PARTY FILL CAVITY	FULL FILL CAVITY	
TOPCRETE PAINT QUALITY SOLID	7.3	✓	✓	✓	✓	✓	✓	✓	✓
	10.4 ⁽¹⁾	✓	✓	✓	✓	✓	✓	✓	✓
TOPCRETE PAINT QUALITY MULTICORE	7.3	✓	✗	✗	✓	✗	✗	✗	✗
	10.4 ⁽²⁾	✓	✓	✓	✓	✓	✓	✓	✓
TOPCRETE PAINT QUALITY HOLLOW	7.3	✓	✗	✗	✓	✓	N/A	N/A	✗

(1) Manufactured to Category 1 manufacturing control (2) Denotes product made to order, please check with Tarmac blocks sales team for availability.