

Stowell Concrete's close texture blocks can be used in commercial, industrial, leisure and academic buildings.

For both 100mm wide walls, we can offer dense and Stowlite close texture blocks.

For 140mm wide walls, we also have additional midi block options for you to consider, depending on manual handling, thermal and sound reduction requirements.

For 190mm wide walls we only offer dense close texture blocks.

Please see the table below for full specifications and opposite for photographs of our sample walls.

Close texture blocks										
Material 7.3N/mm <sup>2</sup>	Size mm nominal (L x W x H)	approx oven-dry density kg/m <sup>3</sup>	approx weight kg	no. per tonne	multiples of	no. per pack	thermal resistance m <sup>2</sup> K/W*	weighted sound reduction dB**	fire resistance (hrs)***	wall mass kg/m <sup>2</sup> (unplastered)
Dense	440 × 100 × 215	2000	19	53	44	88	0.075	44	2	194
Dense	440 × 140 × 215	2000	26•	38	32	64	0.105	46	3	275
Stowlite	440 × 100 × 215	1500	14.5	68	44	88	0.159	42	2	150
Stowlite	440 × 140 × 215	1500	19.5	51	32	64	0.222	44	3	212
10.4N/mm <sup>2</sup>										
Dense	440 × 100 × 215	2050	20	50	44	88	0.072	44	2	199
Dense	440 × 140 × 215	2050	28•	36	32	64	0.101	46	3	281
Dense	290 × 140 × 215	2050	17	59	24	96	0.101	46	3	285
Dense	440 × 140 × 140	2050	17	59	48	96	0.101	46	3	280
Dense	440 × 190 × 215	2050	38	26	20	40	0.137	48	6	389

• Blocks in excess of 20kg – please use with caution after assessing the risks.

\* Calculated from oven dry density – inside skin @ 3% moisture content

\*\* Calculated using mass law curve – BS8233 (unplastered)

\*\*\* Calculated using table NA 3.2 BS EN 1996-1-2 : 2005 (unplastered separating load bearing single leaf walls)

**STOWELL**  
CONCRETE LIMITED

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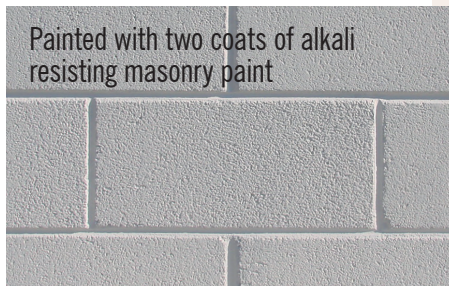
[www.stowellconcrete.co.uk](http://www.stowellconcrete.co.uk)

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## 100mm/140mm/190mm Dense close texture blocks



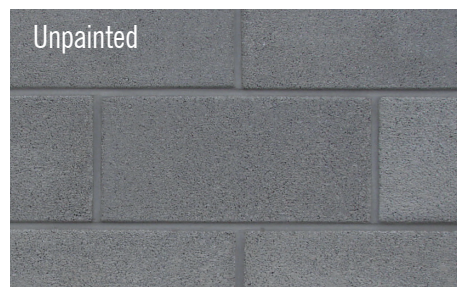
Unpainted



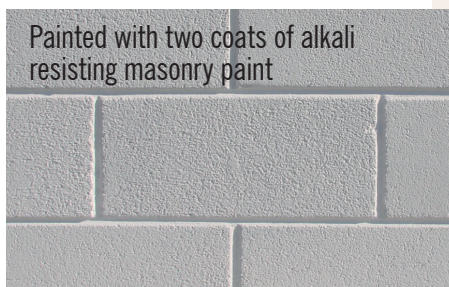
Painted with two coats of alkali resisting masonry paint

Stowell dense close texture blocks are made with a maximum aggregate nominal size of 3mm limestone. They are made with round arrises along the 440mm length, which, with approximately 12mm mortar between the blocks can make the horizontal joints appear larger than they are.

## 100mm/140mm Stowlite medium dense close texture blocks



Unpainted



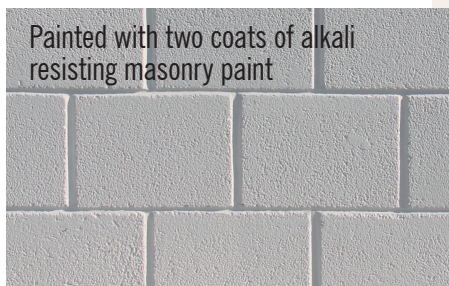
Painted with two coats of alkali resisting masonry paint

Stowell medium dense (Stowlite) close texture blocks are made with a maximum nominal size of 5mm lightweight expanded clay aggregate. They are made with round arrises along the 440mm length, which, with approximately 12mm mortar between the blocks can make the horizontal joints appear larger than they are.

## M290 Midi dense close texture blocks



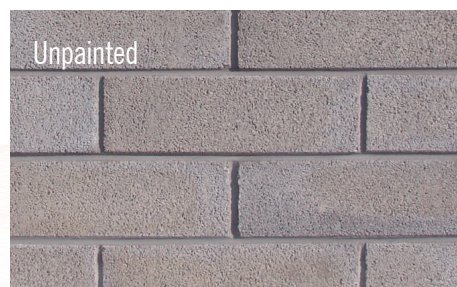
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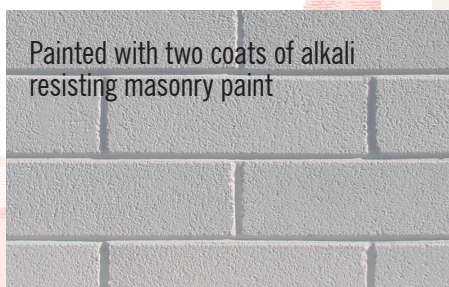
Painted with two coats of alkali resisting masonry paint

Stowell M290 Midi dense close texture blocks are made with a maximum aggregate nominal size of 3mm limestone. They are made with round arrises along the 215mm lengths, which can make the vertical joints appear larger than they are.

## M440 Midi dense close texture blocks



Unpainted



Painted with two coats of alkali resisting masonry paint

Stowell M440 Midi dense close texture blocks are made with a maximum aggregate nominal size of 3mm limestone. They are made with round arrises along the 440mm length, which, with approximately 12mm mortar between the blocks can make the horizontal joints appear larger than they are.

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