

DECLARATION OF PERFORMANCE



No13-SC-B31

Product Type/Identification: 17.5 Dense Midi
 Intended Use: in walls, columns & partitions
 Manufacturer: Stowell Concrete Ltd
 Arnolds Way
 Yatton
 North Somerset
 BS49 4QN

Email: sales@stowellconcrete.co.uk

Authorised Representative: Not Applicable
 AVCP: System 4
 Harmonised Standard: EN771-3:2011
 ETA: Not relevant
 Declared Performance:

Essential Characteristics		Performance	Harmonised Technical Specification
Dimensions	Lengths	440mm 290mm	EN771-3:2011
	Width	140mm	
	Heights	140mm 215mm	
	Tolerance category	D1	
Configuration	Shape and features	Solid	
	Group according to EN 1996-1-1 (EC6)	Group 1	
Compressive strength	Mean compressive strength	17.5N/mm ²	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability		<0.4mm/m	
Bond strength	Shear bond strength	0.15N/mm ² Tabulated value	
	Flexural bond strength	NPD	
Reaction to fire		A1	
Water absorption		<8g/m ² /s	
Water vapour permeability		5/15 Tabulated value	
Direct airborne sound Insulation	Gross density	2100kg/m ³	
	Configuration; dimensions and tolerances	See configuration	
Thermal conductivity		1.11 (λ 10, dry unit) W/mK	
Durability against freeze thaw		Pass	
Dangerous substances		NPD	

This declaration of performance is issued under the sole responsibility of the manufacturer above.
 Signed on behalf of Stowell Concrete Ltd:

Vincent Stowell
 Managing Director 11th December 2017.