

# DECLARATION OF PERFORMANCE

No13-SC-B20



Product Type/Identification: 10.4 Dense (178)  
Intended Use: in walls, columns & partitions  
Manufacturer: Stowell Concrete Ltd  
Arnolds Way  
Yatton  
North Somerset  
BS49 4QN

Email: [sales@stowellconcrete.co.uk](mailto: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	Length	440mm	EN771-3:2011
	Widths	100mm	
		140mm	
	Height	178mm	
Tolerance category		D1	
Configuration	Shape and features	Solid	
	Group according to EN 1996-1-1 (EC6)	Group 1	
Compressive strength	Mean compressive strength	10.4N/mm <sup>2</sup>	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability		<0.4mm/m	
Bond strength	Shear bond strength	0.15N/mm <sup>2</sup> Tabulated value	
	Flexural bond strength	NPD	
Reaction to fire		A1	
Water absorption		<8g/m <sup>2</sup> /s	
Water vapour permeability		5/15 Tabulated value	
Direct airborne sound Insulation	Gross density	2050kg/m <sup>3</sup>	
	Configuration; dimensions and tolerances	See configuration	
Thermal conductivity		1.06 ( 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 1<sup>st</sup> July 2013.