

DECLARATION OF PERFORMANCE

No13-SC-B12



Product Type/Identification: 7.3 Stowlite Brick
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	Length	215mm	EN771-3:2011
	Width	100mm 140mm	
	Height	65mm	
	Tolerance category	D1	
Configuration	Shape and features	Solid	
	Group according to EN 1996-1-1 (EC6)	Group 1	
Compressive strength	Mean compressive strength	7.3N/mm ²	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability		<0.8mm/m	
Bond strength	Shear bond strength	0.15N/mm ² Tabulated value	
	Flexural bond strength	NPD	
Reaction to fire		A1	
Water absorption		<9g/m ² /s	
Water vapour permeability		5/15 Tabulated value	
Direct airborne sound Insulation	Gross density	1500kg/m ³	
	Configuration; dimensions and tolerances	See configuration	
Thermal conductivity		0.53 (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 1st July 2013.