

# DECLARATION OF PERFORMANCE

No13-SC-B11



Product Type/Identification: 3.6 Fibotherm Brick  
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	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	3.6N/mm <sup>2</sup>	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability		<0.8mm/m	
Bond strength	Shear bond strength	0.15N/mm <sup>2</sup> Tabulated value	
	Flexural bond strength	NPD	
Reaction to fire		A1	
Water absorption		<9g/m <sup>2</sup> /s	
Water vapour permeability		5/15 Tabulated value	
Direct airborne sound Insulation	Gross density	850kg/m <sup>3</sup>	
	Configuration; dimensions and tolerances	See configuration	
Thermal conductivity		0.24 (λ <sub>10</sub> , dry unit) W/mK	
Durability against freeze thaw		Not to be left exposed	
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.