

# DECLARATION OF PERFORMANCE

No13-SC-B26

Product Type/Identification: 7.3 Stowlite Trench  
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	Lengths	350mm	300mm	EN771-3:2011
	Widths	300mm	350mm	
	Height	100mm		
	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 <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	1500kg/m <sup>3</sup>		
	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 23<sup>rd</sup> August 2021.