

**MD002 Monacrete 100S**

Declaration of Performance			
Place of Manufacture	Gaerwen Works		
Intended use	in walls, columns and partitions		
Essential Characteristics	Performance	Harmonised technical specification	
Dimensions <sup>(1)</sup>	Length	440mm	
	Width	100mm	
	Height	215mm	
	Tolerance category	D1	
Configuration <sup>(1)</sup>	Shape and features	NPD	
	Group according to EN 1996-1-1 (EC6)	GROUP I	
Compressive strength <sup>(1)</sup>	Mean Compressive strength	7.3 N/mm <sup>2</sup>	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability <sup>(1)</sup>	<0.8mm/m		
Bond strength <sup>(1)</sup>	shear bond strength	0.15N/mm <sup>2</sup>	
	Flexural bond strength	NPD	
Reaction to fire <sup>(2)</sup>	A1 (Commission Decision 2000/605/EC)		
Water absorption <sup>(3)</sup>	NPD		
Water vapour permeability <sup>(4)</sup>	5/15		
Direct airborne sound insulation <sup>(5)</sup> (in end conditions)/[Density and configuration]	Gross Density	2000 kg/m <sup>3</sup>	
	Configuration; dimensions and tolerances	See configuration	
Thermal resistance/or density and configuration <sup>(6)</sup>	0.088 m <sup>2</sup> /KW		
Durability against freeze/thaw	Pass		
Dangerous substances	NPD		
Signed on behalf of the manufacturer		Full name	
Position	Quality Manager	Date 25 Mar 2013	

EN 771-3:2013