

MD001 Monacrete 100

Declaration of Performance			
Place of Manufacture	Gaerwen Works		
Intended use	in walls, columns and partitions		
Essential Characteristics	Performance	Harmonised technical specification	
Dimensions ⁽¹⁾	Length	440mm	
	Width	100mm	
	Height	215mm	
	Tolerance category	D1	
Configuration ⁽¹⁾	Shape and features	NPD	
	Group according to EN 1996-1-1 (EC6)	GROUP II	
Compressive strength ⁽¹⁾	Mean Compressive strength	3.6 N/mm ²	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability ⁽¹⁾	<0.8mm/m		
Bond strength ⁽¹⁾	shear bond strength	0.15N/mm ²	
	Flexural bond strength	NPD	
Reaction to fire ⁽²⁾	A1 (Commission Decision 2000/605/EC)		
Water absorption ⁽³⁾	NPD		
Water vapour permeability ⁽⁴⁾	5/15		
Direct airborne sound insulation ⁽⁵⁾ (in end conditions)/[Density and configuration]	Gross Density	1440 kg/m ³	
	Configuration; dimensions and tolerances	See configuration	
Thermal resistance/or density and configuration ⁽⁶⁾	0.165 m ² /KW		
Durability against freeze/thaw	Pass		
Dangerous substances	NPD		
Signed on behalf of the manufacturer		Full name	
Position	Quality Manager	Date 25 Mar 2013	

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