

ML002 Monalight 100S

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 I	
Compressive strength ⁽¹⁾	Mean Compressive strength	7.3 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	1500 kg/m ³	
	Configuration; dimensions and tolerances	See configuration	
Thermal resistance/or density and configuration ⁽⁶⁾		0.200 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

EN 771-3:2013