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4076



Laboratory Test Report
Determination of Concrete Cube Compressive Strength to BS EN 12390-3:2009
Determination of Concrete Cube Density to BS EN 12390-7:2009

Project	PTS1519-S-03 SUDwell -B	Report No:	PTS1519-S-03 A
Client	SUDwell™		
Client Address	The Resin Bonded Slab Company, Unit 2, WheatCroft Farm, Old, Forewood Lane, Crowhurst, TN339AE.		
Supplier/Source	SUDwell™		
Date and Time of Sampling	05/06/2015		
Sampled By	SUDwell		
Location Sample Taken From	SUDwell Research and Development work In-House moulded cubes		
Material Description	SUDwell™ Stone Binder PU 4844/A - Danish Quartz 2-5mm		
Client Ref	A		
Sample Certificate Supplied	N/A		
PTS Sample Number	A15-4307 & A15-4308		
Date of Receipt	19/06/2015		
Date of Test	06/07/2015		
Tested By	Tom Houghton and Anthony Collier		

Cube No.	A	A		
Client Ref.	A	A		
Date Cast	05/06/2015	05/06/2015		
Date Received	19/06/2015	19/06/2015		
Date Tested	06/07/2015	06/07/2015		
Age	31	31		
Condition on Receipt	Satisfactory	Satisfactory		
Curing Since Receipt	N/A	N/A		
Surface Condition at Test	Saturated	Saturated		
Dimensions Nominal	100mm	100mm		
Dimensions (H x B x D)*	100.1*106.1*99.9	101.3*99.2*104.4		
Adjustments	N/A	N/A		

Mass in Air (g)	1851.3	1810.4		
Density kg/m ³	1958	1951		
Max. Load at Failure kN	110.4	107.3		
Compressive Strength N/mm ²	10.4	10.4		
Failure Type	Squashed no cracks	Squashed no cracks		

* Annex B Only

Pace rate = 0.6 ±0.2 N/mm²/sec

Density Condition Water Saturated unless stated otherwise

Density determined by Water Displacement unless stated otherwise

Comments, Deviations, additions or exclusions from the method	Concrete material not tested.
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Signed: 	(<input type="checkbox"/>)	D. Foster (Laboratory Manager)
	(<input checked="" type="checkbox"/>)	A. Collier (Quality Manager)

Report Date:	11/07/2015
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