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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**

|                                    |   |                   |                |
|------------------------------------|---|-------------------|----------------|
| <b>Project</b>                     | PTS1519-S-03 SUDwell -B   | <b>Report No:</b> | PTS1519-S-03 A |
| <b>Client</b>                      | SUDwell™  |                   |                |
| <b>Client Address</b>              | The Resin Bonded Slab Company, Unit 2, WheatCroft Farm, Old, Forewood Lane, Crowhurst, TN339AE. |                   |                |
| <b>Supplier/Source</b>             | SUDwell™  |                   |                |
| <b>Date and Time of Sampling</b>   | 05/06/2015  |                   |                |
| <b>Sampled By</b>                  | SUDwell   |                   |                |
| <b>Location Sample Taken From</b>  | SUDwell Research and Development work In-House moulded cubes                                    |                   |                |
| <b>Material Description</b>        | SUDwell™ Stone Binder PU 4844/A - Danish Quartz 2-5mm   |                   |                |
| <b>Client Ref</b>                  | A   |                   |                |
| <b>Sample Certificate Supplied</b> | N/A   |                   |                |
| <b>PTS Sample Number</b>           | A15-4307 & A15-4308   |                   |                |
| <b>Date of Receipt</b>             | 19/06/2015  |                   |                |
| <b>Date of Test</b>                | 06/07/2015  |                   |                |
| <b>Tested By</b>                   | 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 <sup>3</sup>              | 1958               | 1951               |  |  |
| Max. Load at Failure kN                | 110.4              | 107.3              |  |  |
| Compressive Strength N/mm <sup>2</sup> | 10.4               | 10.4               |  |  |
| Failure Type                           | Squashed no cracks | Squashed no cracks |  |  |


\* Annex B Only

Pace rate = 0.6 ±0.2 N/mm<sup>2</sup>/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. |
|---|-------------------------------|

|   |     |                                |
|---|-----|--------------------------------|
| <b>Signed:</b><br> | ( ) | D. Foster (Laboratory Manager) |
|   | (x) | A. Collier (Quality Manager)   |
|   |     |                                |

|                     |            |
|---------------------|------------|
| <b>Report Date:</b> | 11/07/2015 |
|---------------------|------------|