

## CON\_04 Sample Approval Record

### Project Detail

|                    |   |
|--------------------|---|
| Contract Number    | R339, 22 Bedford Square                           |
| Area / Sample Type | Portland Limestone sample for main entrance steps |
| Date               | 04/06/20  |

### Sample Detail

|  |   |
|--|---|
| Ref  | 01  |
| Description of Sample / Works For Approval | Proposed Portland Limestone Broadcroft Whitbed, honed |
| Location                                   | Site office   |

|       |   |
|-------|---|
| Photo |  |
|       | Stone sample, Portland Limestone Broadcroft Whitbed                                 |

## CON\_04 Sample Approval Record





## CON\_04 Sample Approval Record

08:06



Broadcroft-Whitbed-Product-...

PDF - 34 KB



### PRODUCT DATA SHEET



| Client:  | Portland Stone Firms Limited   |  |             |                                     |                  |
|--|--|--|-------------|-------------------------------------|------------------|
| Address:   | 99 Easton Street, Portland, Dorset, DT5 1BP  |  |             |                                     |                  |
| Client Reference:  | Broadcroft Whitbed   |  |             |                                     |                  |
| Data Prepared By:  | ACS Testing Limited  |  |             |                                     |                  |
| Address:   | Unit 14 Blackhill Road West, Holton Heath Trading Park, Poole, Dorset, BH10 6LE<br>Tel 01202 622856 Fax 01202 625045 |  |             |                                     |                  |
| ACS Test Ref   | Test Description (Test Method)   | Result   | Units       | Date                                |                  |
| M71  | Determination of resistance to salt crystallization (BS EN 12372:1999)   | Mean Mass Change   | -27.8       | %                                   | Apr 2012         |
| M72  | Determination of frost resistance (BS EN 12371:2010)   | Change in Performance  | -4.2        | %                                   | Feb 2012         |
| M73  | Determination of flexural strength under concentrated load (BS EN 12372:2006)  | Flexural Strength $R_{f0}$                                     | ND*         | MPa                                 | N/A              |
| M73i   | Frost Resistance - Determination of flexural strength under concentrated load (BS EN 12372:2006)                     | Flexural Strength $R_{fi}$ (after Frost Cycles)                | ND*         | MPa                                 | N/A              |
| M74  | Determination of petrographic examination (BS EN 12467:2007)   | Limestone Oolite   | Description | Jan 2012                            |                  |
| M75  | Determination of flexural strength under constant moment (BS EN 13163:2008)  | Flexural Strength $R_{f0}$                                     | 7.2         | MPa                                 | Dec 2011         |
| M75i   | Frost Resistance - Determination of flexural strength under constant moment (BS EN 13163:2008)                       | Flexural Strength $R_{fi}$ (after Frost Cycles)                | 6.9         | MPa                                 | Feb 2012         |
| M76  | Determination of breaking load at steel hole (BS EN 13364:2002)  | Mean Breaking Load   | ND*         | N                                   | N/A              |
| M77  | Determination of water absorption at atmospheric pressure (BS EN 12705:2006)   | Mean Water Absorption  | 6.4         | %                                   | Dec 2011         |
| M78  | Determination of abrasion resistance (BS EN 14167:2004)  | Mean Groove Length   | 28.9        | mm                                  | Dec 2011         |
| M78dry   | Determination of slip resistance by pendulum tester (BS EN 14231:2003)   | SRV "DRY" =  | 83          | nr                                  | Dec 2011         |
| M78wet   | Determination of slip resistance by pendulum tester (BS EN 14231:2003)   | SRV "WET" =  | 76          | nr                                  | Dec 2011         |
| M80  | Determination of water absorption coefficient by capillarity (BS EN 1925:1999)                                       | Absorption Coefficient, (Perpendicular to plane of Anisotropy) | 68.7        | $\text{g/m}^2 \cdot \text{s}^{1/2}$ | Jan 2012         |
| M80i   | Determination of water absorption coefficient by capillarity (BS EN 1925:1999)                                       | Absorption Coefficient, (Parallel with plane of Anisotropy)    | 68.1        | $\text{g/m}^2 \cdot \text{s}^{1/2}$ | Jan 2012         |
| M81  | Determination of uniaxial compressive strength (BS EN 1936:2006)   | Compressive Strength $R_c$                                     | 49          | MPa                                 | Dec 2011         |
| M82  | Determination of real & apparent density, and total & open porosity (BS EN 1936:2006)                                | Real Density   | 2718        | $\text{kg/m}^3$                     | Jan 2012         |
| M82  | Determination of real & apparent density, and total & open porosity (BS EN 1936:2006)                                | Apparent Density   | 2288        | $\text{kg/m}^3$                     | Jan 2012         |
| M82  | Determination of real & apparent density, and total & open porosity (BS EN 1936:2006)                                | Open Porosity  | 15.5        | %                                   | Jan 2012         |
| M82  | Determination of real & apparent density, and total & open porosity (BS EN 1936:2006)                                | Total Porosity   | 15.8        | %                                   | Jan 2012         |
| Notes:<br>ND* = Not Determined/Requested   |  | Approved:  |             |                                     | Date: 02/05/2012 |
| Approved Signatories:<br>[ ] S J White Head of Laboratories [ ] A Bates Laboratory Manager [ ] K Tiller Technical Manager [ ] M Storer Senior Technician |  |  |             |                                     |                  |





## CON\_04 Sample Approval Record

|  |            |
|--|------------|
|  | Data sheet |
|--|------------|



## CON\_04 Sample Approval Record



## CON\_04 Sample Approval Record

|  |               |
|--|---------------|
|  | Testing sheet |
| Inspecting Party (e.g Client, Architect) | Client        |
| Inspecting Party Name                    |               |

## Restore London Ltd Sign Off

|                      |                 |
|----------------------|-----------------|
| R L Manager Name     | Arturs Legzdins |
| RL Manager Signature |                 |
| Date of Completion   | 04/06/20        |

## External Sign Off

|                             |  |
|-----------------------------|--|
| External Approver Name      |  |
| External Approver Position  |  |
| External Approver Signature |  |
| Date of Approval            |  |