

DSET LABORATORIES
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INSPECTION REPORT

INSPECTION DATA AT Initial

August 02, 2017

Universal White Cement
5610 W. Maryland
Glendale, AZ 85301

Purchase Order Number: N/A; Release Number: N/A
Client Code: UWC
Account Number: 302557

Test Number: AE37467

Report Number: 0
Test Type: EVALUATION ONLY
Test Location: New River, Arizona
Specimens Inspected: 6
Description: Pool Tiles

Exposure Type:

Observations, Deviations and Waivers

The "WET" samples were soaked in dionized water for 24 hours prior to color measurements per clients request and is not included in our AWSG Scope of Accreditation.

Notes contained in relevant documents are an integral part of a test, and shall be included by the client in discussions, correspondence, and presentation of test results to a third party. This Test Report represents only one part of the test documentation. Interim reports and other test documentation may have been submitted prior to this date. Test results reported are pertinent only to the items tested and are not relevant to other specimens of the same type, or in the same lot, which are not being tested. Test Reports, and/or other pertinent test documentation, shall not be reproduced, except in full, without the written approval of Atlas Weathering Services Group and so certified by the client.

INSPECTION TEST PART 1**RADIATION DATA**

Exposure Period: Initial
Type of Test: N/A
Radiant Energy: N/A

OBSERVATIONS FOR PART 1

None.

COLOR MEASUREMENTS

Color measurements are performed with a X-Rite Color i7 Spectrophotometer with a 6 inch integrating sphere on the unwashed areas in accordance with ASTM E1331 - 2015. The specimen port is circular and 25 mm in diameter. The reduction of data is computed from spectral data taken every 10 nm over the wavelength range from 360 to 750 nm. Measurements are performed with a CIE Lab color scale, reflectance specular included, with a 10 degree observer and illuminant D65, and are computed in accordance with ASTM E308. Color difference is calculated in accordance with ASTM D2244. Specimens are measured initially.

| Sample Number | | L* | a* | b* |
|-------------------------|---------|-------|-------|-------|
| ULTRA BLUE-DRY | Initial | 90.69 | -1.15 | 0.85 |
| WHITE-DRY | Initial | 89.39 | -1.32 | 3.38 |
| FINEST FINISH WHITE-DRY | Initial | 90.98 | -0.25 | 2.82 |
| ULTRA BLUE-WET | Initial | 78.29 | -2.81 | -0.24 |
| WHITE-WET | Initial | 82.79 | -1.45 | 5.88 |
| FINEST FINISH WHITE-WET | Initial | 81.99 | 0.43 | 6.58 |

If you have any questions, please do not hesitate to contact us.

Sincerely,

Erika Wunderlich

Erika Wunderlich
Group Leader
Evaluations Department