



Report No.: 25157-0  
Order No.: AE25157  
Client Reference: Check #4040  
Date: June 9, 2008

**DSET LABORATORIES**

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**HEMISPHERICAL SPECTRAL REFLECTANCE  
and  
TOTAL EMITTANCE TEST REPORT**

prepared for:

**TILE TECH PAVERS**  
1914 West Pico Blvd.  
Los Angeles, CA 90006

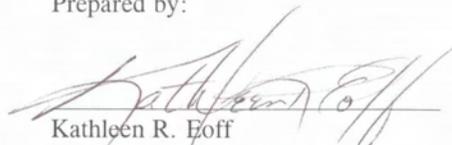
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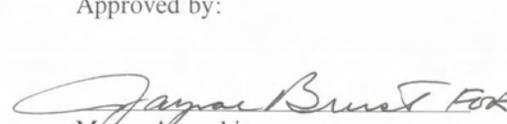
This report contains 5 pages

Prepared by:



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Senior Technician, Optics

Approved by:



Marge Awarski  
Group Leader, Evaluations Services

**TEST INSTRUMENTS GROUP**

- ATLAS MATERIAL TESTING TECHNOLOGY
- ATLAS MATERIAL TESTING TECHNOLOGY GmbH

**WEATHERING SERVICES GROUP**

- SOUTH FLORIDA TEST SERVICE
- DSET LABORATORIES





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Page 5 of 5

**HEMISPHERICAL SPECTRAL REFLECTANCE  
and  
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**4.0 RESULTS**

Reflectance and SRI:

Specimen Code	% Solar Reflectance	SRI
Penny Lane	73.4	91
White Black Shot	63.9	79
Gray Black	26.8	30
Charcoal	15.1	15
Natural	59.5	73
Vanilla Gray	47.8	57

Emittance:

Specimen Code	Reflectance ( $\rho$ ) Measured	Near-Normal Emittance ( $\epsilon$ ) Calculated
Penny Lane	.05	.95
White Black Shot	.05	.95
Gray Black	.05	.95
Charcoal	.05	.95
Natural	.05	.95
Vanilla Gray	.05	.95

TEST INSTRUMENTS GROUP  
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Report No.: 30643-0  
Order No.: AE30643  
Client Reference: Check #6231  
Date: September 17, 2011

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**and**  
**TOTAL EMITTANCE TEST REPORT**

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Page 5 of 5

**HEMISPHERICAL SPECTRAL REFLECTANCE  
and  
TOTAL EMITTANCE TEST REPORT**

**4.0 RESULTS**

**Reflectance and SRI:**

Specimen Code	% Solar Reflectance	SRI
COOL BLUE 50	71.4	88
COOL GRAY 50	54.4	65
COOL GREEN 50	66.9	83
COOL ORANGE 50	64.0	79
COOL RED 50	62.8	77
COOL YELLOW 50	68.5	85

**Emittance:**

Specimen Code	Reflectance ( $\rho$ ) Measured	Near-Normal Emittance ( $\epsilon$ ) Calculated
COOL BLUE 50	.07	.93
COOL GRAY 50	.06	.94
COOL GREEN 50	.06	.94
COOL ORANGE 50	.06	.94
COOL RED 50	.06	.94
COOL YELLOW 50	.06	.94

