

June 4, 2009

The compliance of Sealoflex Finish Coat™ White with LEED™ Credit 7.2

The requirements listed in the Submittal Summary, LEED™ v2, SS Credit 7.2, state:

Provide specifications and cut sheets highlighting roofing materials that are Energy Star labeled, with a minimum initial reflectance of 0.65 and a minimum three-year aged reflectance of 0.5, and a minimum emissivity of 0.9.

Sealoflex Finish Coat White is Energy Star Labeled. In tests conducted by PRI Construction Materials Technologies (Figure 1), Sealoflex Finish Coat™ White has an average initial reflectance of 0.86, and an average 0.66 (uncleaned) after three years exposure. In Figure 2, total emittance test results from Atlas Material Testing Solutions, where the value of 0.94 is reported for Sealoflex Water Based System, that system is Sealoflex Finish Coat™ White.

The VOC content for Sealoflex Finish Coat White is <40 g/L.



CERTIFICATE OF ANALYSIS

Sealoflex
Certificate of Analysis for
Sealoflex Finish Coat White
Page 3 of 4

Results of Testing:

Initial Reflectance

Specimen	Test Method	1	2	3	Avg.	Requirement
Solar Reflectance; [dimensionless]	ASTM C 1549					
Finish Coat White		0.853	0.857	0.856	.86	0.65

Note: Reflectance measurements were conducted using a Devices and Services SSR-ER Version 5.0 Reflectometer calibrated with Devices and Services Reference Standard: 0.807.

Maintenance of Reflectance

Specimen	Test Method	1	2	3	Avg.	Requirement
Solar Reflectance; [dimensionless]	ASTM C 1549					
Hialeah, FL						
Finish Coat White - #1		0.637	0.625	0.632	0.63	0.50
Finish Coat White - #2		0.617	0.611	0.600	0.61	0.50
Finish Coat White - #3		0.626	0.620	0.578	0.61	0.50
Miami, FL						
Finish Coat White - #1		0.685	0.657	0.664	0.68	0.50
Finish Coat White - #2		0.686	0.672	0.674	0.67	0.50
Finish Coat White - #3		0.654	0.658	0.657	0.66	0.50
Pampano Beach, FL						
Finish Coat White - #1		0.710	0.695	0.715	0.71	0.50
Finish Coat White - #2		0.712	0.709	0.701	0.71	0.50
Finish Coat White - #3		0.718	0.690	0.713	0.71	0.50

Note: Reflectance measurements were conducted using a Devices and Services SSR-ER Version 5.0 Reflectometer calibrated with Devices and Services Reference Standard: 0.807.

SOF-009-02-01 PRI Accreditations: IAS-ES TL-189; State of Florida ISI5978; Miami-Dade 06-1116.02; CRRC
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SEALOFLEX
Report No.: 20619-0
Order No.: AE20619
Date: July 6, 2005
Page 3 of 3

TOTAL EMITTANCE TEST REPORT

3.0 OBSERVATIONS, DEVIATIONS, AND WAIVERS

The measurements were performed on the uncoded side of the specimens. The values reported represent the average of at least four measurements.

4.0 RESULTS

Specimen Code	Reflectance (ρ) Measured	Near Normal Emittance (ε) Calculated
Sealoflex CT System	.07	.93
Sealoflex Water Based System	.06	.94

Figure 1 Reflectance Test Summary

Figure 2 Emittance Test Summary