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Advanced Analytical Chemistry & Materials Engineering

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Fellert Acoustical Ceilings AB
Krykangsgatan 6
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Sweden

Attn: Mr. Michael Rosenberg

Ref: Lab File # RA-0425-1A-F-15RC

1. SAMPLE(S):

Two (2) 12"x 8" x 1" sections of Fellert Even Better

2. ANALYSIS PERFORMED:

- A. ASTM D4587-11 Standard Practice for Fluorescent UV-Condensation Exposures of Paint and Related Coatings**
- B. ASTM E1477-98a(2008) – Standard Test Method for Luminous Reflectance Factor of Acoustical Materials by Use of Integrating-Sphere Reflectometers**

3. METHODS/PROCEDURES USED FOR TESTING:

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A. ASTM D4587-11 Standard Practice for Fluorescent UV-Condensation Exposures of Paint and Related Coatings

<u>Cycle Number</u>	<u>Cycle Description</u>	<u>340 nm Irradiance</u>	<u>Black Panel Temperature</u>
4	8 hr UV	0.89 W/ (m ² •nm)	60± 2.5°C (140±5°F)
	4 hr Condensation	dark period	50± 2.5°C (122±5°F)
	Repeated Continuously		

Test Duration: 1000 hours of the above cycle

4. RESULTS:

A. ASTM D4587-11 Standard Practice for Fluorescent UV-Condensation Exposures of Paint and Related Coatings

<u>Sample</u>	<u>Description</u>	<u>Comments*</u>
1. Fellert Even Better (2 Panels)	Acoustical Plaster	No coating discoloration. No separation from fiber matte backing or panel warping visible.

*Results reported after 1000 hours of Accelerated Weathering

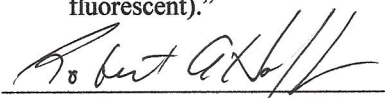
4. RESULTS: Continued

B. ASTM E1477-98a (2008) – Standard Test Method for Luminous Reflectance Factor of Acoustical Materials by Use of Integrating-Sphere Reflectometers

Sample Identification	Material	Illuminant	Average Luminous Reflectance Factor**	
			CIE Y	CIE L
1. Fellert Even Better	Acoustical Plaster	D65	79.94	90.15
		F2	80.50	91.00

**** Notes:**

1. Color analysis was performed in accordance with ASTM E1477-98a (2008), "Standard Test Method for Luminous Reflectance Factor of Acoustical Materials by Use of Integrating-Sphere Reflectometers."
2. Analysis Information:
 - Instrument: X-Rite® Sphere Spectrophotometer Model 968
 - Standard Observer: CIE 1964 (10°).
 - the reported values represent the average of three measurements taken from different locations on the white side of the submitted sample.
3. ASTM E1477 defines the luminous reflectance factor as the "CIE tristimulus value Y for the CIE 1964 (10°) standard observer and CIE standard illuminant D65 (daylight) or F2 (cool white fluorescent)."



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