Architectural Testing

LIGHT REFLECTANCE COEFFICIENT PERFORMANCE TEST REPORT

Rendered to:

SOUND SOLUTIONS SERVICES, LLC

PRODUCT: BASWAphon Acoustical "Bright White" Panel

Report No: 67616.02-106-31
Report Date: 10/03/06
Expiration Date: 09/27/10

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SOUND SOLUTIONS SERVICES, LLC
3900 Ben Hur Avenue
Suite 10
Willoughby, Ohio 44094

Report No: 67616.02-106-31
Test Date: 09/27/06
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Product: BASWAphon Acoustical "Bright White" Panel

Project Summary: Architectural Testing, Inc., (ATI) was contracted by Sound Solutions Construction Services, LLC to conduct an evaluation of their BASWAphon acoustical panel to determine a light reflectance coefficient. This report details the light reflectance values for the sample tested. Average light reflectance values are contained in the following table:

Sample Description	Light Reflectance Value	
	D65 (Daylight)	CWF2 (Cool White Fluorescent)
BASWAphon Panel	0.78	0.79

Test Methods: The test specimens were evaluated in accordance with ASTM E 1477-98, *Standard Test Method for Luminous Reflectance Factor of Acoustical Materials by Use of Integrating Sphere Reflectometer* as referenced in ASTM E 1264, *Standard Classification for Acoustical Ceiling Products, Section 7.2.* The ceiling panel was read on a Gretag Macbeth Color i5 Spectrophotometer (ATI ICN Y002672) using color equation CIE - L*a*b* (1976) with a 10° observer and both the D65 (daylight) and CWF2 (cool white fluorescent) illuminants. The resulting measured L (reflectance) values were then converted using factors found in ASTM E 308, *Standard Practice for Computing the Colors of Objects by Using the CIE System, Section 7.5* into Y (reflectance) values that are found in the CIE (1964) color space.

Test Sample Description: The BASWAphon acoustical panel was 5" by 5" nominal. One sample was submitted to ATI by Sound Solutions Services, LLC for evaluation. Four readings were taken, one from each side of the sample panel surface. See photographs for more detail.

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Test Results: Individual test results are as follows:

BASWAphon Acoustical Panel

D65 (Daylight) Illuminant, 10 Degree Observer

	Reading (L* value)	**Conversion to Y Tristimulus Value** (CIE L* + 16 / 116)^3
1	91.020	0.79
2	90.530	0.77
3	90.810	0.78
4	90.940	0.78
	Average	**0.78**

CWF2 (Cool White Fluorescent) Illuminant, 10 Degree Observer

	Reading (L* value)	**Conversion to Y Tristimulus Value** (CIE L* + 16 / 116)^3
1	91.200	0.79
2	90.720	0.78
3	91.000	0.78
4	91.130	0.79
	Average	**0.79**

A copy of this report will be retained by ATI for a period of four years from the original test date. This report is the exclusive property of the client so named herein and is applicable to the sample tested. Results obtained are tested values and do not constitute an opinion or endorsement by this laboratory. This report may not be reproduced, except in full, without the approval of Architectural Testing

For ARCHITECTURAL TESTING, INC:

Digitally Signed by: Joseph M. Brickner

Joseph M. Brickner
Senior Technician - Component/Materials Testing

Digitally Signed by: Todd D. Burroughs

Todd D. Burroughs
Director - Component/Materials Testing

JMB:jmb/nlb

Attachments (pages)
Appendix A - Photographs (2)

Revision Log

Rev. #	Date	Page(s)	Revision(s)
0	10/03/06	N/A	Original report issue

APPENDIX A

Photographs

Photo No. 1
Sample Identification

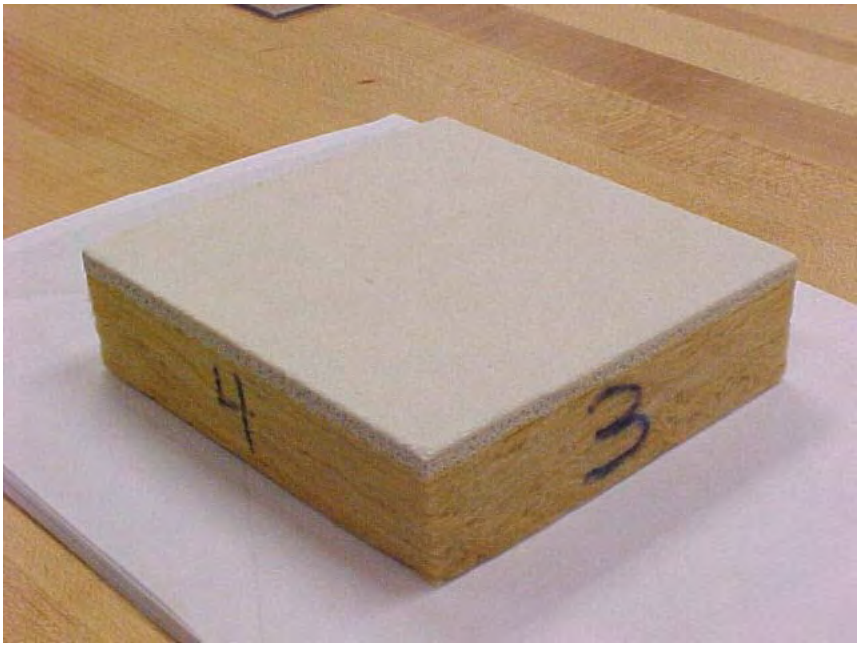

Photo No. 2
Sample Identification

Photo No. 3
Light Reflectance Evaluation Showing Reading 1 in Process