



**PERFORMANCE TEST REPORT**

**Rendered to:**

**ACOUSTICAL SURFACES, INC.**

**PRODUCT: Sound Silencer™ Acoustical Panel Material**

**Report No.: G8526.01-106-31**

**Report Date: 03/02/17**

**Test Record Retention Date: 02/23/21**



## PERFORMANCE TEST REPORT

Rendered to:

ACOUSTICAL SURFACES, INC.  
123 Columbia Court North  
Suite 201  
Chaska, Minnesota 55318-2327

Report No.: G8526.01-106-31

Test Date: 02/23/17

Report Date: 03/02/17

Test Record Retention Date: 02/23/21

**Product:** Sound Silencer™ Acoustical Panel Material

**Project Summary:** Architectural Testing, Inc., an Intertek company ("Intertek-ATI"), was contracted by Acoustical Surfaces, Inc. to evaluate the luminous reflectance of Sound Silencer™ acoustical panel material. The product description, test procedure, and test results are reported herein.

**Test Method:** The test specimens were evaluated in accordance with the following method.

*ASTM E1477-98a (Reapproved 2013), Standard Test Method for Luminous Reflectance Factor of Acoustical Materials by Use of Integrating-Sphere Reflectometers*

**Product Description:** The Sound Silencer™ acoustical panel material was submitted to Intertek-ATI by Acoustical Surfaces, Inc. and consisted of six nominally 6 in. by 6 in. by 1 in. thick pieces. The material was tested as-received. Refer to the product description photos in Appendix A.

**Test Procedure and Test Results:** The testing procedure and results obtained from testing are reported as follows. All conditioning of test specimens and test conditions were at standard laboratory conditions unless otherwise reported. Refer to the test related photo in Appendix A.

### Luminous Reflectance

The luminous reflectance was determined utilizing a GretagMacbeth Color i5 Spectrophotometer (ICN: 004725) with a diffuse spherical geometry and a xenon lamp, CIE color space, D65 illuminant, and 10° observer. The specular component was included in the measurements. The luminous reflectance value was calculated as a CIELAB tri-stimulus value Y.

### Sound Silencer™ Acoustical Panel Material

Specimen ID		Luminous Reflectance (Y)
Panel	Side	
1	A	90.004
	B	89.893
2	A	89.720
	B	90.559
3	A	90.374
	B	90.215
4	A	90.418
	B	90.984
5	A	89.372
	B	89.510
6	A	89.533
	B	90.884
Average		<b>90.122</b>

Intertek-ATI will service this report for the entire test record retention period. Test records that are retained such as detailed drawings, datasheets, representative samples of test specimens, or other pertinent project documentation will be retained by Intertek-ATI for the entire test record retention period.

Results obtained are tested values and were secured using the designated test methods. This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. It is the exclusive property of the client so named herein and relates only to the specimens tested. This report may not be reproduced, except in full, without the written approval of Intertek-ATI.

For INTERTEK-ATI:

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Dawn M. Chaney  
Technician Team Lead  
Components / Materials Testing

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Joseph M. Brickner  
Laboratory Supervisor  
Components / Materials Testing

DMC:jmb/kf

Attachments (pages)      This report is complete only when all attachments listed are included.  
Appendix A - Photographs (2)



### Revision Log

<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	03/02/17	N/A	Original report issue



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## **APPENDIX A**

### **Photographs**



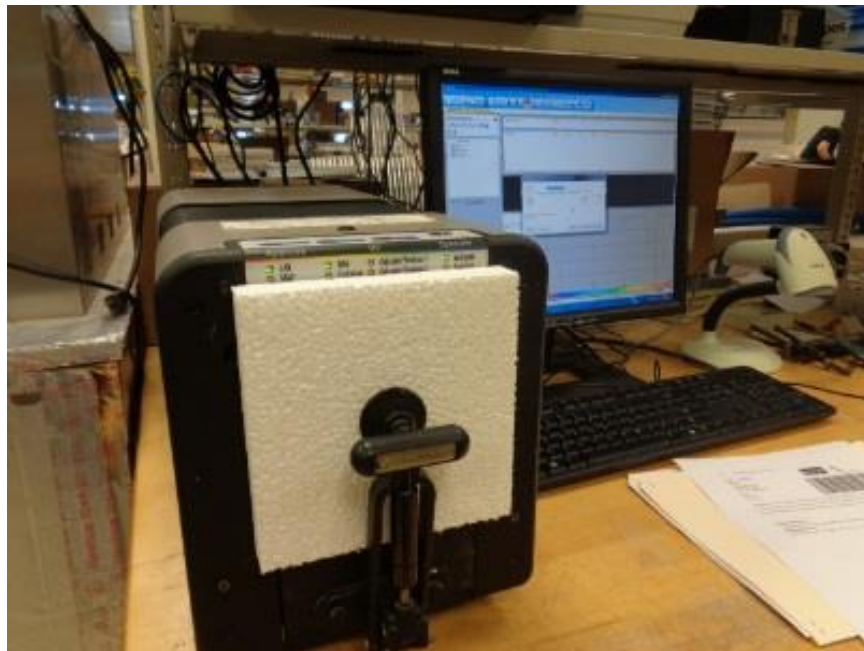
**Photo No. 1**  
**Sound Silencer™ Acoustical Panel Material**



**Photo No. 2**  
**Sound Silencer™ Acoustical Panel Material**



**Photo No. 3**  
**Sound Silencer™ Acoustical Panel Material**



**Photo No. 4**  
**Test in Progress**