



**PERFORMANCE TEST REPORT**

**Rendered to:**

**NOVAWALL SYSTEMS, INC.**

**PRODUCT: Novaspan Textile by Novawall®**

**Report No: A6554.01-106-31**

**Report Date: 02/01/11**

**Report Retention Date: 01/20/15**

## PERFORMANCE TEST REPORT

Rendered to:

NOVAWALL SYSTEMS, INC.  
885-B South Pickett Street  
Alexandria, Virginia 22304

Report No: A6554.01-106-31  
Test Date: 01/20/11  
Report Date: 02/01/11  
Report Retention Date: 01/20/15

**Product:** Novaspan Textile by Novawall®

**Project Summary:** Architectural Testing, Inc. was contracted by Novawall Systems, Inc. to evaluate the luminous reflectance of their Novaspan Textile by Novawall®. The test method, product description and test results are reported herein.

**Test Method:** The test specimens were evaluated in accordance with ASTM E 1347-06, *Standard Test Method for Color and Color-Difference Measurement by Tristimulus Colorimetry* as referenced by ASTM E 1477-98a (Reapproved 2008), *Standard Test Method for Luminous Reflectance Factor of Acoustical Materials by Use of Integrating-Sphere Reflectometers*.

The luminous reflectance readings were taken utilizing a GretagMacbeth Color i5 Spectrophotometer (ICN 004725) with a diffuse spherical geometry and a xenon lamp. The luminous reflectance value Y includes the specular component with Illuminant D65 and a 10° observer. The CIElab color space was utilized. The spectrophotometer was calibrated with a local white reflectance standard (ID 45206351205). Each reading is an average of three measurements. The readings were taken at standard lab conditions of 70.0°F and 52.0% RH.

**Product Description:** The five Novaspan Textile by Novawall® panels were provided to Architectural Testing by Novawall Systems. They were nominally 9" x 9" x 1-5/8" thick. Each panel consisted of a Novaspan Textile section stretched over a frame and held-in-place with plastic strips. This assembly was then adhered to a MDF panel. The product was tested as-received. Refer to the photo in Appendix A.

**Test Results:** The results are reported in the following table.

**Luminous Reflectance - Novaspan Textile by Novawall®**

Test Specimen	Luminous Reflectance (%)	
	Center of Panel	Corner of Panel
<b>1</b>	86.447	86.106
<b>2</b>	86.758	85.996
<b>3</b>	86.290	85.811
<b>4</b>	86.624	86.325
<b>5</b>	86.276	86.162
<b>Average</b>	<b>86.479</b>	<b>86.080</b>

Data sheets, representative samples of test specimens, a copy of this report, or other pertinent project documentation will be retained by Architectural Testing, Inc. for a period of four years from the original test date. At the end of this retention period such materials shall be discarded without notice and the service life of this report by Architectural Testing will expire. Results obtained are tested values and were secured by using the designed 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 Architectural Testing, Inc.

For ARCHITECTURAL TESTING, INC.:

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Dawn M. Chaney - Senior Technician  
Components / Materials Testing

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Gary Hartman, P.E. - Director  
Components / Materials Testing

DMC:dmc/nlb

Attachments (pages)      This report is complete only when all attachments listed are included.

Appendix A - Photograph (1)

### Revision Log

<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	02/01/11	N/A	Original report issue.

**APPENDIX A**

**Photograph**



**Photo No. 1**  
**Novaspan Textile by Novawall® Panel**