

**PERFORMANCE TEST REPORT**

**Rendered to:**

**FABRI TRAK SYSTEMS, INC.**

**PRODUCT: FabriSpan® Fabric**

**Report No: C7875.01-106-31**

**Report Date: 04/29/13**

**Test Record Retention Date: 04/29/17**

**PERFORMANCE TEST REPORT**

Rendered to:

FABRI TRAK SYSTEMS, INC.  
111 West Park Drive  
Mt. Laurel, New Jersey 08054

Report No: C7875.01-106-31  
Test Start Date: 04/22/13  
Test Completion Date: 04/22/13  
Test Report Date: 04/29/13  
Test Record Retention Date: 04/29/17

**Product:** FabriSpan® Fabric

**Project Summary:** Architectural Testing, Inc. was contracted by Fabri Trak Systems, Inc. to evaluate the luminous reflectance of their FabriSpan® Fabric. 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 (ATI 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 and was made using the calibration tile as a background. The readings were taken at standard lab conditions of 69.6 °F and 45.2% RH.

**Product Description:** The five FabriSpan® Fabric panels were provided to Architectural Testing by Fabri Trak Systems. They were nominally 6" x 6". 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 - FabriSpan® Fabric**

<b>Test Specimen</b>	<b>Luminous Reflectance (%)</b>
<b>1</b>	93.87
<b>2</b>	94.14
<b>3</b>	94.20
<b>4</b>	93.89
<b>5</b>	94.02
<b>Average</b>	<b>94.02</b>

Architectural Testing 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 Architectural Testing, Inc. 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 Architectural Testing, Inc.

For ARCHITECTURAL TESTING, INC.:

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Joseph M. Brickner - Laboratory Supervisor  
Components / Materials Testing

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

JMB:gh/nlh

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

### Revision Log

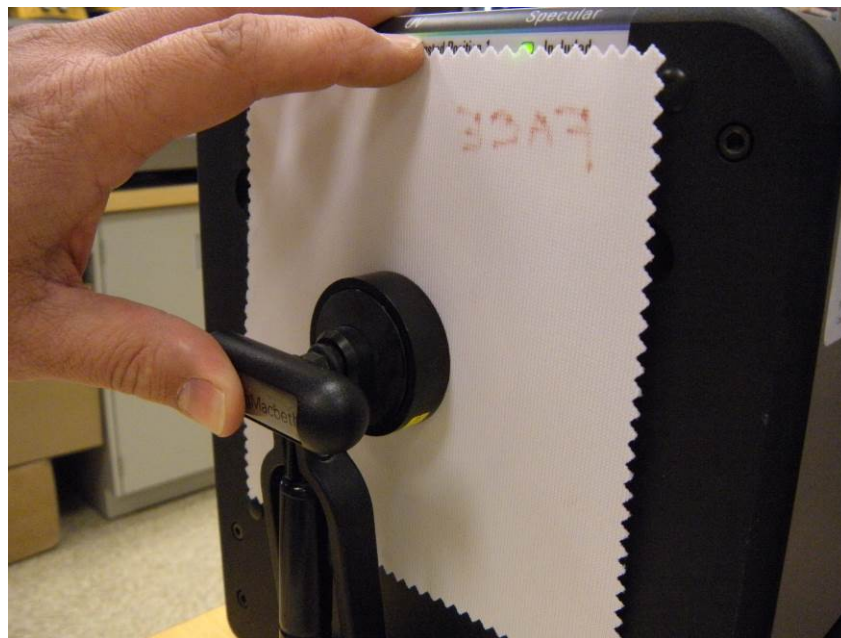
<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	04/29/13	N/A	Original report issue.

**APPENDIX A**

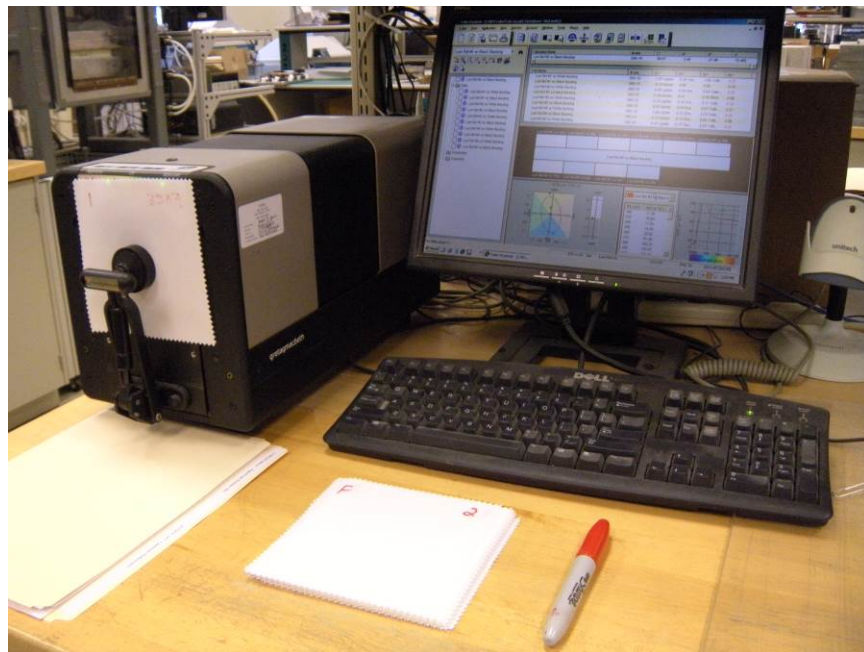
**Photograph**



**Photo No. 1**  
**FabriSpan® Fabric**



**Photo No. 2**  
**FabriSpan® Fabric - Measurement with White Background**



**Photo No. 3**  
**FabriSpan® Fabric - Spectrophotometer Detail**