

FABRITRAK SYSTEMS, INC. TEST REPORT

SCOPE OF WORK

ASTM E1477 LUMINOUS REFLECTANCE

REPORT NUMBER

K4153.01-106-31 R0

TEST DATE(S)

11/13/19

ISSUE DATE

11/22/19

RECORD RETENTION END DATE

11/13/23

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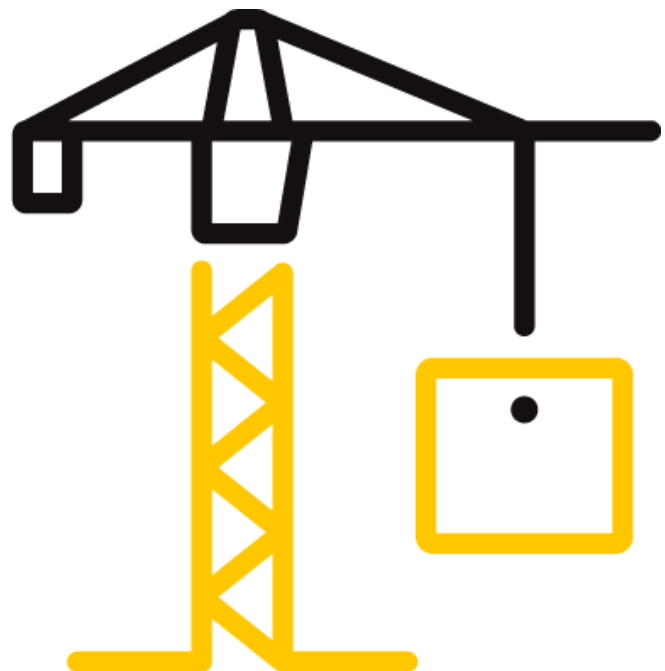
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TEST REPORT FOR FABRITRAK SYSTEMS, INC.

Report No.: K4153.01-106-31 R0

Date: 11/22/19

REPORT ISSUED TO

FABRITRAK SYSTEMS, INC.

111 West Park Drive

Mt. Laurel, New Jersey 08054

SECTION 1

SCOPE

Product(s): FabriTrak Terra Core Poly

Intertek Building & Construction (B&C) was contracted by FabriTrak Systems, Inc. to evaluate FabriTrak Terra Core Poly in accordance with ASTM E1477 for Luminous Reflectance. Results obtained are tested values and were secured by using the designated test method(s). Testing was conducted at the Intertek B&C test facility in York, Pennsylvania.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory.

For INTERTEK B&C:

COMPLETED BY:	Isaiah S. Gingrich
TITLE:	Technician III Materials Laboratory
SIGNATURE:	
DATE:	11/21/19

REVIEWED BY:	Dawn M. Chaney
TITLE:	Technician Team Lead Materials Laboratory
SIGNATURE:	
DATE:	11/21/19

ISG:dmc/als

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SECTION 2

TEST METHOD(S)

The specimens were evaluated in accordance with the following:

ASTM E1477-98a(2017)^{e1}, *Standard Test Method for Luminous Reflectance Factor of Acoustical Materials by Use of Integrating-Sphere Reflectometers*

SECTION 3

MATERIAL SOURCE

The materials were provided by FabriTrak Systems, LLC. The following was/were received on 11/11/19: Six (6) FabriTrak Terra Core Poly squares. Refer to the product description photo(s) in Section 9. The material was tested as received. Representative materials/test specimens will be retained by Intertek B&C for a minimum of four years from the test completion date.

SECTION 4

LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Isaiah S. Gingrich	Intertek B&C
Dawn M. Chaney	Intertek B&C

SECTION 5

TEST PROCEDURE(S)

All conditioning of test specimens and test conditions were at standard laboratory conditions unless otherwise reported. Refer to the test related photos in Section 9.

ASTM E1477 - Luminous Reflectance Factor

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

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SECTION 6

TEST SPECIMEN DESCRIPTION(S)

TEST PROCEDURE	NUMBER OF SPECIMENS	NOMINAL SPECIMEN DIMENSIONS	VISUAL CHARACTERISTICS
ASTM E1477	Six (6)	8" x 8"	Square White Acoustic Paneling

SECTION 7

TEST RESULTS

Luminous Reflectance

SPECIMEN	LUMINOUS REFLECTANCE FACTOR (Y)
1	78.697
2	76.699
3	78.254
4	76.337
5	77.780
6	76.915
Average	77.447

SECTION 8

CONCLUSION

The specified test method did not provide specific performance requirements.

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SECTION 9

PHOTOGRAPH(S)



Photo No. 1
Test Specimen As Received



Photo No. 2
Specimen in the Spectrophotometer



Total Quality. Assured.

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SECTION 10

REVISION LOG

REVISION #	DATE	PAGES	REVISION
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