



Title: Light Reflectance Test Results

Product: 1" 3# Echo Eliminator - White and Grey

Application: Wall Mount

Testing Standard: ASTM E1477

Test Date: 4/4/2018

Why this test: This test evaluates the amount of light reflected by the surface of the material.

Test Result Summary: White: 89.960, Grey: 37.639

SPECIMEN IDENTIFICATION	LUMINOUS REFLECTANCE (Y)
1 - 1" 3# Echo Eliminator - White	91.336
2 - 1" 3# Echo Eliminator - White	89.667
3 - 1" 3# Echo Eliminator - White	89.057
4 - 1" 3# Echo Eliminator - White	89.501
5 - 1" 3# Echo Eliminator - White	89.583
6 - 1" 3# Echo Eliminator - White	90.613
Average	89.960

SPECIMEN IDENTIFICATION	LUMINOUS REFLECTANCE (Y)
1 - 1" 3# Echo Eliminator - Gray	39.210
2 - 1" 3# Echo Eliminator - Gray	39.347
3 - 1" 3# Echo Eliminator - Gray	33.791
4 - 1" 3# Echo Eliminator - Gray	38.351
5 - 1" 3# Echo Eliminator - Gray	40.564
6 - 1" 3# Echo Eliminator - Gray	34.573
Average	37.639

Test ID: I2054.01-106-31 R0

ASI TEST RESULT DISCLAIMER

ASI makes every effort to ensure the accuracy and reliability of the information provided. Laboratory testing is conducted by independent testing organizations. ASI does not guarantee that field tests or independent tests will not vary.

ASI TEST REPORT

SCOPE OF WORK

ASTM E1477 LUMINOUS REFLECTANCE EVALUATION FOR 1" 3# ECHO ELIMINATOR - WHITE
AND 1" 3# ECHO ELIMINATOR - GRAY

REPORT NUMBER

I2054.01-106-31 R0

TEST DATES

04/02/18 - 04/04/18

ISSUE DATE

05/17/18

RECORD RETENTION END DATE

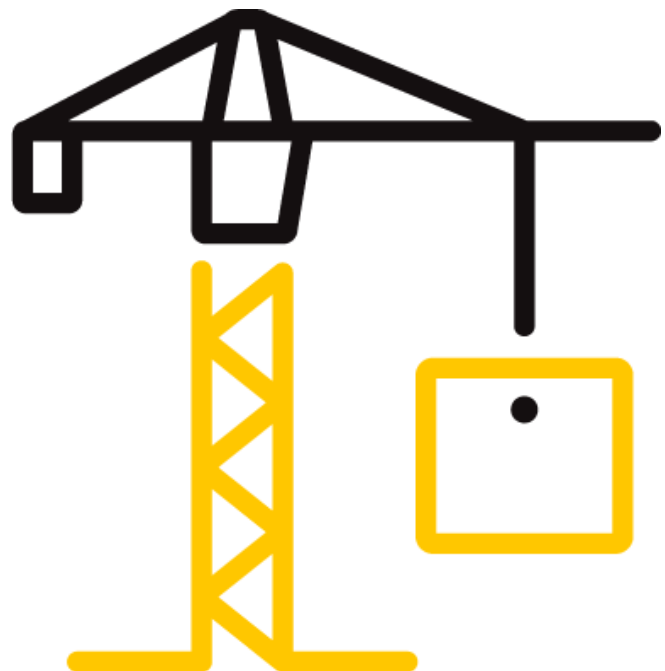
04/03/22

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TEST REPORT FOR ASI

Report No.: I2054.01-106-31 R0

Date: 05/17/18

REPORT ISSUED TO

ASI

123 Columbia Court North Suite 201

Chaska, Minnesota 55318

SECTION 1

SCOPE

Products: 1" 3# Echo Eliminator White and 1" 3# Echo Eliminator Light Gray

Intertek Building & Construction (B&C) was contracted by ASI. to evaluate 1" 3# Echo Eliminator - White and 1" 3# Echo Eliminator - Gray in accordance with ASTM E1477 for Luminous Reflectance. Results obtained are tested values and were secured by using the designated test methods. 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:	Dawn M. Chaney
TITLE:	Technician Team Lead Materials Laboratory
SIGNATURE:	
DATE:	05/17/18

DMC:jmb/kf

REVIEWED BY:	Joseph M. Brickner
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SECTION 2

TEST METHOD

The specimens were evaluated in accordance with the following:

E1477-98a (2017), *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 ASI. The following were received: Six (6), specimens for each of two types of acoustic boards, identified as 1" 3# Echo Eliminator White and 1" 3# Echo Eliminator - Gray. The material was tested as received. Representative 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
Daniella M. Hutcherson	Intertek B&C
Joseph M. Brickner	Intertek B&C

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SECTION 5

TEST PROCEDURE

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

The luminous reflectance was measured using a Gretag Macbeth Color i5 Spectrophotometer (ICN: 004725) with a diffuse spherical geometry and a xenon lamp. The specular component was included in the measurements. The luminous reflectance factor is calculated as CIE tristimulus value Y for the CIE standard Illuminant D65 (daylight). One measurement was recorded from each specimen provided.

SECTION 6

TEST SPECIMEN DESCRIPTIONS

TEST PROCEDURE	NUMBER OF SPECIMENS	NOMINAL SPECIMEN DIMENSIONS	VISUAL CHARACTERISTICS
ASTM E1477	6	6.5 in. by 6.5 in. by 1 in. thick	1" 3# Echo Eliminator - White
	6	11 in. by 8 in. by 1 in. thick	1" 3# Echo Eliminator - Gray

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TEST RESULTS

SPECIMEN IDENTIFICATION	LUMINOUS REFLECTANCE (Y)
1 - 1" 3# Echo Eliminator - White	91.336
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SECTION 8

CONCLUSION

The requested test method did not contain specific performance requirements.

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SECTION 9 PHOTOGRAPHS



Photo No. 1

ASTM E1477 - 1" 3# Echo Eliminator - White - Testing



Photo No. 2

ASTM E1477 - 1" 3# Echo Eliminator - Gray - Testing



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SECTION 10

REVISION LOG

REVISION #	DATE	PAGES	REVISION
0	05/17/18	N/A	Original Report Issue