



safety glazing certification council

P.O. BOX 730
SACKETS HARBOR, N.Y. 13685
PHONE: 315-646-2234
FAX: 315-646-2297

SGCC #: 4471

COMPOSITE

L18

12/18/2018

Joseph Sokalski
Thermoseal Industries, a Senneca Company
600 Jersey Ave.
Gloucester City, NJ 08030

Plant ID: THE01NJ

Plant Location: Gloucester City, NJ

Report of Evaluation of Licensee's Sample

	SGCC#:	Thickness (in): (mm):	Type description:
Product Certified:	4471	1/4	Tempered Transparent Glass

Upon review of the enclosed report, SGCC has considered it indicates compliance to:

ANSI Z97.1-2015 CLASS A and CPSC 16 CFR 1201 II

Very truly yours,

A handwritten signature in black ink, appearing to read 'John G. Kent', with a stylized flourish at the end.

John G. Kent
Administrative Manager
SGCC Certification Program

CC: Joseph Sokalski



SAFETY GLAZING CERTIFICATION COUNCIL TEST REPORT

SCOPE OF WORK

IMPACT TESTING ON TEMPERED TRANSPARENT SAFETY GLAZING MATERIAL

REPORT NUMBER

J1676.02-119-37

TEST DATE(S)

12/10/18

ISSUE DATE

12/14/18

RECORD RETENTION END DATE

12/10/22

PAGES

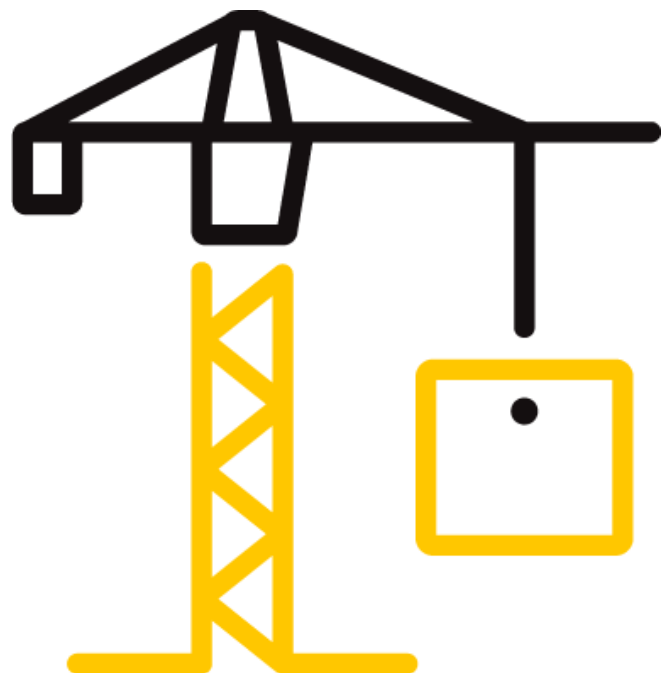
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DOCUMENT CONTROL NUMBER

ATI 00065 (08/07/17)

RT-R-AMER-Test-2881

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TEST REPORT FOR SAFETY GLAZING CERTIFICATION COUNCIL

Report No.: J1676.02-119-37

Date: 12/14/18

REPORT ISSUED TO

SAFETY GLAZING CERTIFICATION COUNCIL

P.O. Box 730

Sackets Harbor, New York 13685

SECTION 1

SCOPE

Intertek Building & Construction (B&C) was contracted by Safety Glazing Certification Council, Sackets Harbor, New York to perform safety glazing impact testing in accordance with ANSI Z97.1, CAN/CGSB 12.1, and CPSC 16 CFR 1201 on tempered transparent glass. 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.

SECTION 2

SUMMARY OF TEST RESULTS

SPECIMEN NUMBER	1	2	3	4
RESULT (PASS/FAIL)	Pass	Pass	Pass	Pass

For INTERTEK B&C:

COMPLETED BY: Todd M. Wilt
TITLE: Lead Technician

SIGNATURE:
DATE: 12/14/18

tmw:vtm/aaa

REVIEWED BY: Virgal T. Mickley, Jr., P.E.
TITLE: Senior Staff Engineer

SIGNATURE:
DATE: 12/14/18

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TEST REPORT FOR SAFETY GLAZING CERTIFICATION COUNCIL

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SECTION 3

TEST METHOD(S)

The specimens were evaluated in accordance with the following:

ANSI Z97.1-2015, *For safety glazing materials used in buildings - safety performance specifications and methods of test*, American National Standard

CAN/CGSB 12.1-2017, *Safety Glazing*, National Standard of Canada

CPSC 16 CFR 1201, *Safety Standard for Architectural Glazing Materials*, Consumer Product Safety Commission (Version: 2012; Source: 42 FR 1441, Jan. 16, 1977)

SECTION 4

MATERIAL SOURCE

Test samples were obtained from the manufacturer. The specimens were received on 11/29/18, in good condition and suitable for testing unless noted otherwise.

SECTION 5

SAMPLE RETENTION

All test specimens were destroyed by test or by personnel and have been disposed of as trash. Representative sections of the failing samples will be retained for up to 30 days from the date of report issuance. After 30 days, representative samples will be automatically discarded.

SECTION 6

LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Todd M. Wilt	Intertek B&C

SECTION 7

TEST PROCEDURE

Overview

All specimens were impacted once from the select drop height unless noted otherwise. Specimens which were not broken after impact from the designated drop height were broken in accordance with the Center Punch Fragmentation Test per ANSI Z97.1-2015.

Drop Height Classification

All specimens were impacted once from a drop height of 48 inches.

DROP HEIGHT CLASSIFICATION			DROP HEIGHT
ANSI	CGSB	CPSC	
Class A	Class A	Category II	48 in.

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SECTION 8

TEST SPECIMEN DESCRIPTION

Manufacturer: Thermoseal Industries, LLC - Gloucester City, New Jersey

Glazing Product Designation: 4471 L18

Overall Glazing Thickness: 1/4" (nominal)

Glazing Type: Tempered Transparent Glass (TTG)

Sample Dimensions: Impact: 34" wide x 76" high ($\pm 1/8"$)

Size Classification: Unlimited

SECTION 9

TEST RESULTS

Lab Temperature: 70°F

Duration of Pre-Conditioning @ 68 - 85°F: 24 Hours

Impact Test Results

SPECIMEN NUMBER	THICKNESS (inches)	TEST RESULTS (grams)	CENTER PUNCH (YES/NO)	ACCEPTANCE CRITERIA (grams)	RESULT (PASS/FAIL)
1	0.225	28	No	93	Pass
2	0.224	19	No	92	Pass
3	0.224	24	No	92	Pass
4	0.224	9	Yes	92	Pass

Acceptance Criteria: The 10 largest crack-free particles collected after specimen breakage shall weigh no more than 10 sq. in. of the original specimen.

SECTION 10

CONCLUSION

The specimens meet the impact test requirements of the referenced standards for the size classification listed.

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SECTION 11

PHOTOGRAPHS



Photo No. 1
Permanent Label

SECTION 12

SGCC SAMPLE RECEIPT FORM



Sample Receipt Form

02

PO Box 730
Sackets Harbor, NY 13685
Phone: (315) 646-2234 Fax: (315) 646-2297

Auditor ID: 7

Product: Company: Thermoseal Industries, LLC
Plant Location: Gloucester City, NJ
Plant ID: THE01NJ

SGCC #: 4471 L18
1/4 (in) 6 (mm) U
Tempered Transparent Glass
Test Standard: COMPOSITE
Drop Height Class: A

Auditor: Sampled By: VN Date Sampled: 7/9/2018 INSP. or PART. selected? (circle one)
Size Sampled: 34X76 No. Samples to be selected: 4

Note: 1. For Laminated Sample:
- Interlayer Brand Selected/To Be Tested (For Laminated Samples):

- Thickness of laminated glass sample(s) (ie thinnest):

2. See *Note below, regarding laminated glass

Upon completion of this inspection, mail or email this form to the SGCC office.

Testing Laboratory: Intertek/ATI York, PA

Lab ID: 100

Note: After completing all the requested information below, SGCC should be notified within 3 days of the date the sample is received at the laboratory. If sample is not received, notify SGCC on 11/30/2018

DO NOT TEST IF OUT OF THICKNESS RANGE & UNTIL YOU RECEIVE AUTHORIZATION FROM SGCC

Date Sample was received at Laboratory: 11-29-18 Size Received: 34 X 76

Thickness to be tested: TTG 6 (mm) (5.560 - 6.200 mm; 0.219 - 0.244)

Indicate if specimens are suitable for testing (yes or no; specimen number; and include thickness)

1: YES 2: YES 3: YES 4: YES 5: _____
6: _____ 7: _____ 8: _____ 9: _____

*Note: For ongoing laminated certification, testing shall be done on the thinnest interlayer and the thinnest product certified in each thickness class (S and/or H).

Reproduce the information from the permanent label on each specimen. You may use a pencil rub copy of the label information if it is READABLE. If it is not reproducible in this manner, please hand write the label information. If all labels on each specimen are the same, please indicate "same".

*Are SGCC paper selection labels with Inspector's initials present? (Please check one) YES ☒ NO ☐

D.5 Pattern Impression - Attach a copy of the pencil impression (or digital photo) of all pattern glass (not of each specimen unless different) to the SRF.

TSL
SAFETY TEMPERED
16 CFR 1201 II
ANSI Z97.1-2015
SGCC 4471 1/4 UA

PIC-1014

"SAME"

This form is to be included as part of the final test report.

Administrator:
(date/initial)

1 SRF Rec'd SGCC:

7/18/2018

2 Authorized to Test:

3 Report Rec'd by SGCC:



Total Quality. Assured.

130 Derry Court
York, Pennsylvania 17406

Telephone: 717-764-7700
Facsimile: 717-764-4129
www.intertek.com/building

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SECTION 13

REVISION LOG

REVISION #	DATE	PAGES	REVISION
0	12/14/18	N/A	Original Report Issue