



safety glazing certification council

P.O. BOX 730  
SACKETS HARBOR, N.Y. 13685  
PHONE: 315-646-2234  
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**SGCC #:** 4470

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

	<b>SGCC#:</b>	<b>Thickness (in): (mm):</b>	<b>Type description:</b>
<b>Product Certified:</b>	4470	3/16	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,

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

J1676.01-119-37

## TEST DATE(S)

12/10/18

## ISSUE DATE

12/14/18

## RECORD RETENTION END DATE

12/10/22

## PAGES

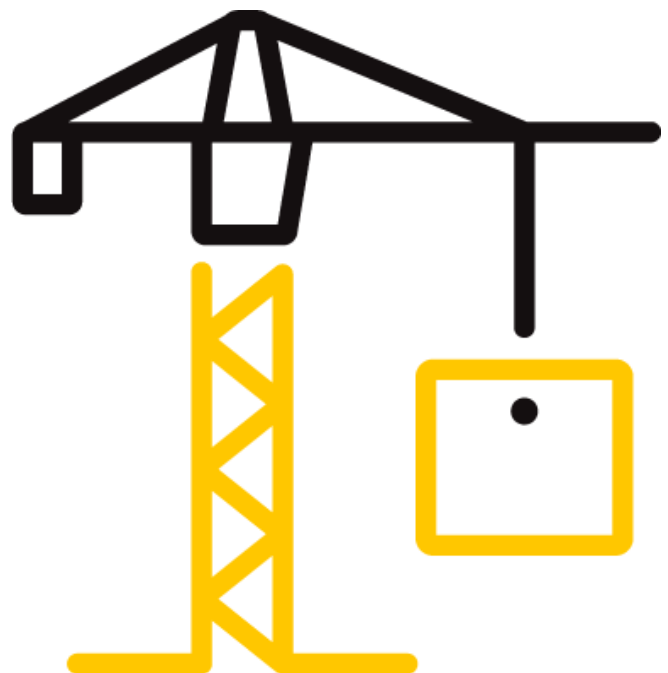
7

## 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.: J1676.01-119-37

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

Report No.: J1676.01-119-37

Date: 12/14/18

### 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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Report No.: J1676.01-119-37

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### SECTION 8

#### TEST SPECIMEN DESCRIPTION

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

**Glazing Product Designation:** 4470 L18

**Overall Glazing Thickness:** 3/16" (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:** 69°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	0.186	26	No	77	Pass
2	0.185	22	No	76	Pass
3	0.186	28	No	77	Pass
4	0.188	31	No	77	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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Report No.: J1676.01-119-37

Date: 12/14/18

### SECTION 11

#### PHOTOGRAPHS



Photo No. 1  
Permanent Label

### SECTION 12

#### SGCC SAMPLE RECEIPT FORM



# Sample Receipt Form

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 #: 4470 L18  
3/16 (in) 5 (mm) U  
Tempered Transparent Glass  
Test Standard: COMPOSITE  
Drop Height Class: A

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

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 5 (mm) (4.570 - 5.050 mm; 0.180 - 0.199)

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 #  
ANSI Z97.1 - 2015  
SGCC 4470 3/16 UA

PIC - 1013

"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

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Facsimile: 717-764-4129  
[www.intertek.com/building](http://www.intertek.com/building)

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Report No.: J1676.01-119-37

Date: 12/14/18

### SECTION 13

#### REVISION LOG

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