



PRI Construction Materials Technologies LLC

6412 Badger Drive
Tampa, FL 33610
813.621.5777
<https://www.pri-group.com/>

Laboratory Test Report

Report for: Anhui Yaojing New Material Technology Co., Ltd
No.3 Panwang Road, Chahe New Area, Chahe Town, Laian
Chuzhou City, Anhui Province 239236 (China)

Product Name: 5,5-0.76(b) LSG Prototype

Project No.: 2901T0002

Date(s) Tested: April 16th- 17th, 2026

Test Methods: ANSI Z97.1 / CPSC 16 CFR 1201 / CAN/CGSB-12.1

Results Summary: Compliant: LSG (COMP+CAN) Class A / Category II Unlimited Rating

Purpose: Determine the safety properties of Anhui Yaojing New Material Technology Co., Ltd Laminated Safety Glass via impact testing on safety glazing materials.

Test Methods: Testing was conducted in accordance with the specifications and methods outlined in ANSI Z97.1-2015 **"American National Standard for Safety Glazing Materials Used in Buildings – Safety Performance Specifications and Methods of Test"**, CPSC 16 CFR 1201 **"Code of Federal Regulations Consumer Product Safety Commission title 16 Part 1201 – Safety Standard for Architectural Glazing Materials"**, and CAN/CGSB-12.1-2022 **The National Standard of Canada – Safety Glazing**.

Sampling: The following materials were received by PRI via common carrier.

<u>Product</u>	<u>Source</u>	<u>Sampling</u>	<u>Date Received</u>
Four 34" x 76" and three 12"x12" laminated transparent glass lites	Liaoyuan City, China	Anhui Yaojing New Material Technology Co, Ltd.	April 16 th , 2026

Testing Location: Testing was conducted at PRI-CMT located in Tampa, FL. Verification of testing instrumentation was performed by either a ISO accredited calibration laboratory or by a PRI-CMT representative in compliance with PRI-CMT In-House quality control program governed by ISO/IEC 17025-17.

Interlayer Description:

Series:	YAOJING
Manufacturer:	Anhui Yaojing New Material Technology Co., Ltd
Material:	(b)
Thickness:	0.030"

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The laboratory test results presented in this report are based on the material(s) supplied and tested. The results, and by extension any statements of conformity, opinions, or interpretations, apply the "simple acceptance" decision rule for measurement uncertainty accounting. This report is for the exclusive use of stated client. Only the client is authorized to permit copying or distribution of this report and then only in its entirety. PRI Construction Materials Technologies LLC assumes no responsibility nor makes a performance or warranty statement for this material or products and processes containing this material in connection with this report.

Test Results: Conditions at the beginning of testing were 23°C (73°F) with 50% Rh.

Impact Results: ANSI Z97.1, CPSC 16 CFR 1201, & CAN/CGSB-12.1						
Test Specification / Method ¹	Specimen ²	Thickness (inches)	Impact Drop Height ³ (inches)	Allowable	Recorded Observation	Result ⁴
ANSI Z97.1 & CPSC 16 CFR 1201 & CAN/CGSB-12.1	1	0.411	48	No Shear or opening > 3" diameter	No Shear or Opening	Pass
	2	0.410	48		No Shear or Opening	Pass
	3	0.413	48		No Shear or Opening	Pass
	4	0.414	48		No Shear or Opening	Pass

Notes:

- Specimens were conditioned for 4hrs @ 73°F prior to commencement of testing, surface temperature was verified prior to impacting.
- All Specimens were nominal 34"x76". Specimen 1: Lite 1 Thickness = 0.192" Interlayer Thickness = 0.030" / Lite 2 Thickness = 0.189". Weight = 92lbs
- Impactor mass was verified @ 100lbs prior to testing. Drop height of 48" corresponds to ANSI Z97.1 & CAN/CGSB-12.1 Class "A" height and to a Category II per CPSC 16 CFR 1201.

Thermal Test Results: ANSI Z97.1, CPSC 16 CFR1201, & CAN/CGSB-12.1					
Test Specification / Method ¹	Specimen ²	Thickness (inches)	Allowable	Recorded Observation	Result
ANSI Z97.1 & CPSC 16 CFR 1201 & CAN/CGSB-12.1	1	0.414	No bubbles or delamination more than ½" from the outer edge.	No cracks, bubbles, or delamination	Pass
	2	0.413		No cracks, bubbles, or delamination	Pass
	3	0.414		No cracks, bubbles, or delamination	Pass

Notes:

- Specimens were conditioned for 4hrs @ 73°F then conditioned in an air circulation chamber for 16hrs @ 212±4°F.
- All Specimens were nominal 12"x12". Specimen 1: Lite 1 Thickness = 0.192" Interlayer Thickness = 0.030" / Lite 2 Thickness = 0.192".

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Statement of Attestation:

Testing was completed in accordance with the standard test methods outlined in ANSI Z97.1-2015 “*American National Standard for Safety Glazing Materials Used in Buildings – Safety Performance Specifications and Methods of Test*”, CPSC 16 CFR 1201 “*Code of Federal Regulations Consumer Product Safety Commission title 16 Part 1201 – Safety Standard for Architectural Glazing Materials*”, and CAN/CGSB-12.1-2022 The National Standard of Canada – Safety Glazing. Upon completion of testing the tested specimens met the performance requirements outlined within ANSI Z97.1 and CAN/CGSB-12.1 for a Class “A” unlimited rating and a Category II unlimited rating per CPSC 16 CFR 1201. The laboratory test results presented in this report are representative of the specimens supplied. This report does not constitute certification of this product which may only be granted by the certification program administrator.

Upon completion of testing all specimens were destroyed by testing or by PRI personnel and have been disposed of as trash.

Official list of Witnesses:

Tim Efaw
Mark Lessig

Company:

PRI-CMT
PRI-CMT

Signed: _____



Timothy Efaw
Manager

Date: _____

April 22nd, 2026

Report Issue History:

Issue #	Date	Pages	Revision Description (if applicable)
Original	04/22/2026	4	NA

APPENDIX FOLLOWS...

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SUMMARY PROJECT 2901T0002



PRI Construction Materials Technologies LLC

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April 24, 2026

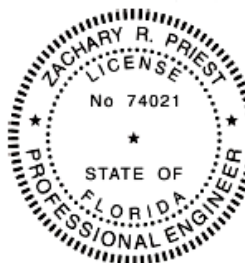
Anhui Yaojing New Material Technology Co. Ltd.
No.3 Panwang Road, Chahe New Area, Chahe Town, Laian
Chuzhou City, Anhui Province 239236 (China)

Subject: ANSI Z97.1-2015 / CPSC 16 CFR 1201 / CAN CGSB-12.1-2022

I have reviewed the following reports as per section A.11 of the SGCC Laboratory Manual. I attest to the summarized results stated herein.

Method/Specification	Report	SGCC #	Thickness/Type	Result
ANSI Z97.1-2015 / CPSC 16 CFR 1201 / CAN CGSB-12.1-2022	2901T0002	Prototype	5,5-0.76(b) – LSG	Compliant

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This item has been digitally signed and sealed by Zachary R. Priest, PE, on 4/24/2026.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

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END OF REPORT

2901T0002

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