Miami-Dade County, Florida
DEPARTMENT OF REGULATORY AND ECONMIC RESOURCES
BOARD AND CODE ADMINISTRATION DIVISON
PRODUCT CONTROL SECTION
11805 S.W. 26 Street-Room 208
Miami, Florida 33175-2474
T (786) 315-2590 Fax (786) 315-2599

Laboratory Certificate

MIAMI-DADE COUNTY APPROVED

This certifies that Architectural Testing, Inc., an Intertek company located at 40 51st Way NE, Suite 100, Fridley, MN 55421 is an approved Testing Laboratory in accordance with Miami-Dade County Department of Regulatory and Economic Resources and Protocol TAS 301-94, and is Certified to perform the following tests:
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TAS201	AAMA 501.3-83
TAS202	AAMA 701-92
TAS203	AAMA 702-92
ASTM E546	AAMA 800-92
ASTM E773	AAMA 902-92
ASTM E783	AAMA 1402-86
ASTM E987	AAMA 1503.1-88
ASTM E1105	ANSI Z97.1 (Impact only)
AAMA 103.3-89 Section 5	American Association for Laboratory Accreditation (A2LA) Certificate No. 7250.05

Results of the above mentioned test shall be properly submitted to the Miami-Dade County Department of Regulatory and Economic Resources per TAS 301-94, along with all other documentation required for the approval of products. Approved engineer(s) for this laboratory:

Vinu Abraham, P.E.; Tyler Westerling, P.E.; Michael Weigner, P.E.; Tanya A. Dolby, P.E.

This Certification and Registration Approved: **May 23, 2024**
This Certification and Registration Expires : **September 6, 2026**

Certification No. : **24-0501.03** *Revises: 22-0428.07*

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
Product Control Section

Americo Segura, M.S., CGC
Quality Assurance Unit Supervisor
Product Control Section

The Miami-Dade County Department of Regulatory and Economic Resources reserves the right to remove this certification for non-compliance with rules and regulations as set by Protocol TAS 301-94.

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ARCHITECTURAL TESTING, INC. (AN INTERTEK COMPANY)
40 51st Way Northeast, Suite 100
Fridley, MN 55421
John Wegscheider/Eric Shoenthaler Phone: 651 636 3835

MECHANICAL

Valid To: July 31, 2025 Certificate Number: 7250.05

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests:

Test:	**Test Description:**
ASTM E329	Standard specification for agencies engaged in construction inspection, testing, or special inspection (sections 8-12)
ASTM E699	Standard specification for agencies involved in testing, quality assurance and evaluating of manufactured building components (part A)
ASTM E336	Standard test method for measurement of airborne sound attenuation between rooms in buildings
ASTM E413	Classification for rating sound insulation
ASTM E966	Standard guide for field measurements of airborne sound insulation of building facades and facade elements
ASTM E989	Standard classification for determination of impact insulation class (IIC)
ASTM E1007	Standard test method for field measurement of tapping machine impact sound transmission through floor-ceiling assemblies and associated support structures
ASTM E1332	Standard classification for rating outdoor-indoor sound attenuation
ASTM E2235	Standard test method for determination of decay rates for use in sound insulation test methods
ENERGY STAR® Program requirements for residential storm windows (only ASTM E283)	
ENERGY STAR® Program requirements for residential windows, doors, and skylights	
NFRC 100	NFRC procedures for U-factor
NFRC 102	Procedure for measuring the steady-state thermal transmittance of fenestration systems
NFRC 200	Solar heat gain coefficient
NFRC 400	Procedure for determining fenestration product air leakage
NFRC 500	Procedure for determining fenestration product condensation resistance values
AAMA 450	Voluntary performance rating method for mulled fenestration assemblies
AAMA 501.1	Standard test method for water penetration of windows, curtain walls and doors using dynamic pressure

Test:	**Test Description:**
AAMA 501.2	Quality assurance and diagnostic water leakage field check of installed storefronts, curtain walls and sloped glazing systems
AAMA 508	Voluntary test method and specification for pressure equalized rain screen wall cladding systems
AAMA 509	Voluntary test and classification method for drained and back ventilated rain screen wall cladding systems
AAMA 1304	Voluntary specification for forced entry resistance of side- hinged door systems
AAMA/WDMA/CSA 101/I.S.2/A440	North American Fenestration Standard / Specification for windows, doors, and skylights
ANSI/DASMA 108	Standard method for testing sectional garage doors and rolling doors: determination of structural performance under uniform static air pressure difference
ANSI/DASMA 115	Missile impact and cycle loading
AS 2047	Windows and External glazed doors in buildings
AS/NZ 4420	Windows, external glazed, timber, and composite doors – Methods of test Part 1: Test sequence, sampling, and test methods
ASTM E283/E283M	Standard test method for determining rate of air leakage through exterior windows, curtain walls, and doors under specified pressure differences across the specimen
ASTM E330/E330M	Standard test method for structural performance of exterior windows, doors, skylights and curtain walls by uniform static air pressure difference
ASTM E331	Standard test method for water penetration of exterior windows, skylights, doors, and curtain walls by uniform static air pressure difference
ASTM E547	Standard test method for water penetration of exterior windows, skylights, doors, and curtain walls by cyclic static air pressure difference
ASTM E783	Standard test method for field measurement of air leakage through installed exterior windows and doors
ASTM E987	Standard test methods for deglazing force of fenestration products
ASTM E1105	Standard test method for field determination of water penetration of installed exterior windows, skylights, doors, and curtain walls, by uniform or cyclic static air pressure difference
ASTM E1886	Standard test method for performance of exterior windows, curtain walls, doors, and impact protective systems impacted by missile(s) and exposed to cyclic pressure differentials
ASTM E1996	Standard specification for performance of exterior windows, curtain walls, doors, and impact protective systems impacted by windborne debris in hurricanes
ASTM E2068	Standard test method for determination of operating force of sliding windows and doors
ASTM E2357	Standard test method for determining air leakage of air barrier assemblies
ASTM F588	Standard test methods for measuring the forced entry resistance of window assemblies, excluding glazing impact
ASTM F842	Standard test methods for measuring the forced entry resistance of sliding door assemblies, excluding glazing impact
CSA A440 S1	Canadian supplement to AAMA/WDMA/CSA 101/I.S.2/A440, NAFS – North American fenestration standard/specification for windows, doors, and skylights

Test:	**Test Description:**
CSA A440.2/CSA A440.3	Fenestration energy performance/User Guide to CSA A440.2:22, Fenestration energy performance
NFRC 400	Procedure for determining fenestration product air leakage
NZ 4211	Specification for performance of Windows
TAS 201	Impact test procedures
TAS 202	Criteria for testing impact and on-impact resistant building envelope components using uniform static air pressure
TAS 203	Criteria for testing products subject to cyclic wind pressure loading
ANSI Z97.1	Safety glazing materials used in buildings - safety performance specifications and methods of test
ASTM E546	Standard test method for frost/dew point of sealed insulating glass units
ASTM E774	Standard specification for the classification of the durability of sealed insulating glass units
ASTM E2188	Standard test method for insulating glass unit performance
ASTM E2189	Standard test method for testing resistance to fogging in insulating glass units
ASTM E2190	Standard specification for insulating glass unit performance and evaluation
ASTM E2649	Standard test method for determining argon concentration in sealed insulating glass units using spark emission spectroscopy
BS 6206	Specification for impact performance requirements for flat safety glass and safety plastics for use in buildings
CAN/CGSB-12.1	Tempered or laminated safety glass
CPSC 16 CFR 1201	Safety standard for architectural glazing materials
DIN EN 12600	Glass in building - pendulum tests - impact test method and classification for flat glass
AAMA 507	Standard practice for determining the thermal performance characteristics of fenestration systems installed in commercial buildings
AAMA 1503	Voluntary test method for thermal transmittance and condensation resistance of windows, doors and glazed wall sections
ASTM C236	Standard test method for thermal performance of building materials and envelope assemblies by means of a hot box apparatus
ASTM C1199	Standard test method for measuring the steady-state thermal transmittance of fenestration systems using hot box methods
ASTM C1363	Standard test method for thermal performance of building materials and envelope assemblies by means of a hot box apparatus

Accredited Laboratory

A2LA has accredited

ARCHITECTURAL TESTING, INC. (AN INTERTEK COMPANY)

Fridley, MN

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 11th day of April 2024.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 7250.05
Valid to July 31, 2025

For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.