

**Miami-Dade County, Florida**

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES

BOARD AND CODE ADMINISTRATION DIVISION

PRODUCT CONTROL SECTION

**Laboratory Certificate**



11805 S.W. 26 Street-Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 Fax (786) 315-2599

This certifies that Architectural Testing, Inc., an Intertek company located at 25800 Commercentre Drive, Lake Forest, CA 92630 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:

TAS201  
TAS202  
TAS203  
IAS Accreditation Report No.TL-444

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: June 30, 2022***

***This Certification and Registration Expires : June 02, 2026***

***Certification No. : 22-0428.08 Revises: 20-0831.08***

A handwritten signature in blue ink, reading "Helmy A. Makar".

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

A handwritten signature in blue ink, reading "Americo Segura".

*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.



INTERNATIONAL  
ACCREDITATION  
SERVICE®

# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **ARCHITECTURAL TESTING, INC. (AN INTERTEK COMPANY)**

25800 COMMERCENTRE DRIVE  
LAKE FOREST, CALIFORNIA 92630, U.S.A.

### **Testing Laboratory TL-444**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date November 4, 2020



A handwritten signature in black ink, reading "Raj Nathan".

**President**

Visit [www.iasonline.org](http://www.iasonline.org) for current accreditation information.

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

## ARCHITECTURAL TESTING, INC. (AN INTERTEK COMPANY)

[www.intertek.com/building](http://www.intertek.com/building)

**Contact Name** Jarod Hardman

**Contact Phone** +1-949-460-9600

*Accredited to ISO/IEC 17025:2017*

*Effective Date November 4, 2020*

Conformity Specifications	
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)
Structural	
AAMA/WDMA/CSA 101/I.S.2/A440	Specification for windows, doors, and skylights (excluding Sections 9.4.1, 9.4.2 and 9.4.3)
AAMA 1304	Forced Entry Resistance for Sliding Glass Doors
AS 2047	Windows in buildings, Part 1: Specification for materials and performance and Part 2: Code of practice – Constructions, installation and maintenance
AS 5041	Methods of test – security screen doors and window grilles (section 8)
AS/NZS 4420.1	Windows, external glazed, timber and composite doors – methods of test
ASTM E283	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 E699	Standard master matrix for nuclear fuel cycle standards (part A)
ASTM E783	Standard test method for field measurement of air leakage through installed exterior windows and doors
ASTM E935	Standard test methods for performance of permanent metal railing systems and rails for buildings
ASTM E985	Standard specification for permanent metal railing systems and rails for buildings
ASTM E987	Standard test methods for deglazing force of fenestration products

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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 E2353	Standard test methods for performance of glazing in permanent railing systems, guards, and balustrades (exclude sections 13.3 (Short bag impact test) and 13.4 (Pendulum impactor test))
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
ICC-ES AC174	Deck board span ratings and guardrail systems (guards and handrails) (test methods referenced in section 5.0)
ICC-ES AC439	Glass railing and balustrade system (test methods referenced in section 4.0)
TAS 201	Impact test procedures
TAS 202	Criteria for testing impact and non-impact resistant building envelope components using uniform static air pressure loading
TAS 203	Criteria for testing products subject to cyclic wind pressure loading
<b>Acoustical</b>	
AAMA 1801	Voluntary specification for the acoustical rating of exterior windows, doors, skylights and glazed wall sections
ANSI/ASA S12.51	Acoustics – determination of sound power levels and sound energy levels of noise sources using sound pressure – precision methods for reverberation test rooms (excluding comparison method (section 8.4.2) Annex A)
ASTM C423	Standard test method for sound absorption and sound absorption coefficients by the reverberation room method
ASTM E90	Standard test method for laboratory measurement of airborne sound transmission loss of building partitions and elements
ASTM E336	Standard test method for measurement of airborne sound attenuation between rooms in buildings
ASTM E413	Classification for rating sound insulation
ASTM E492	Standard test method for laboratory measurement of impact sound transmission through floor-ceiling assemblies using the tapping machine

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ASTM E795	Standard practices for mounting test specimens during sound absorption tests
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 E1289	Standard Specification for Reference Specimen for Sound Transmission Loss
ASTM E1332	Standard classification for rating outdoor-indoor sound attenuation
ASTM E1425	Standard practice for determining the acoustical performance of windows, doors, skylight, and glazed wall systems
ASTM E2179	Standard test method for laboratory measurement of the effectiveness of floor coverings in reducing impact sound transmission through concrete floors
ASTM E2235	Standard test method for determination of decay rates for use in sound insulation test methods
ISO 3741	Acoustics -- determination of sound power levels and sound energy levels of noise sources using sound pressure -- precision methods for reverberation test rooms

*AAMA: American Architectural Manufacturers Association*

*ANSI: American National Standards Institute*

*AS: Australian Standard*

*ASA: Acoustical Society of America*

*CSA: Canadian Standards Association*

*ICC ES: International Code Council Evaluation Service*

*ISO: International Organization for Standardization*

*TAS: Testing Application Standards (Miami-Dade County Protocol)*

*WDMA: The Window & Door Manufacturers Association*