

Miami-Dade County, Florida

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES

BOARD AND CODE ADMINISTRATION DIVISON

PRODUCT CONTROL SECTION

Laboratory Certificate

MIAMI-DADE COUNTY
APPROVED

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 1909 10th Street, Suite 100, Plano, TX 75074 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:

TAS100
TAS100(A)
TAS201
TAS202
TAS203

International Accreditation Service, Inc.
Certificate of Accreditation TL-331

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.; Daniel Culbert, P.E.

This Certification and Registration Approved: January 28, 2021

This Certification and Registration Expires : February 20, 2023

Certification No. : 20-0831.10 Revise: 19-0321.12



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.



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

ARCHITECTURAL TESTING, INC. (AN INTERTEK COMPANY)

1909 10TH STREET, SUITE 100
PLANO, TEXAS 75074, U.S.A.

Testing Laboratory TL-331

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2005, *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 July 15, 2020



A handwritten signature in black ink that reads "Raj Nathan".

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

ARCHITECTURAL TESTING, INC. (AN INTERTEK COMPANY)

www.intertek.com/building

Contact Name John Waskow

Accredited to ISO/IEC 17025:2005

Contact Phone +1-469-814-0687

Effective Date July 15, 2020

Conformity Specifications
ASTM E329
ASTM E699
Physical
AAMA 501.1
AAMA 501.2
AAMA 501.5
AAMA 506
AAMA 508
AAMA 509
AAMA 910
AAMA 920
AAMA 1304
AMCA 550
ASTM D228
ASTM D3462

Standard specification for agencies engaged in construction inspection, testing, or special inspection (sections 8-12)

Standard specification for agencies involved in testing, quality assurance and evaluating of manufactured building components (part A)

Standard test method for water penetration of windows, curtain walls and doors using dynamic pressure

Quality assurance and diagnostic water leakage field check of installed storefronts, curtain walls and sloped glazing systems

Test method for thermal cycling of exterior walls

Voluntary specifications for impact and cycle testing of fenestration products

Voluntary test method and specification for pressure equalized rain screen wall cladding systems

Voluntary test and classification method for drained and back ventilated rain screen wall cladding systems

Voluntary "life cycle" specifications and test methods for aw class architectural windows and doors

Specification for operating cycle performance of active side-hinged exterior door slabs

Voluntary specification for forced entry resistance of side-hinged door systems

Test method for high velocity wind driven rain resistant louvers

Standard Test Methods for Sampling, Testing, and Analysis of Asphalt Roll Roofing, Cap Sheets, and Shingles Used in Roofing and Waterproofing (Section 14 only)

Standard Specification For Asphalt Shingles Made From Glass Felt and Surfaced with Mineral Granules (Section 8.1.11 only)

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ASTM E72	Standard test methods of conducting strength tests of panels for building construction
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 E331	Standard test method for water penetration of exterior windows, skylights, doors, and curtain walls by uniform static air pressure difference
ASTM E546	Standard test method for frost/dew point of sealed insulating glass units
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 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 E2357	Standard test method for determining air leakage of air barrier assemblies
ASTM E2649	Standard test method for determining argon concentration in sealed insulating glass units using spark emission spectroscopy
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
ASTM F2090	Standard specification for window fall prevention devices with emergency escape (egress) release mechanisms
FM 4473	Specification test standard for impact resistance testing of rigid roofing materials by impacting with freezer ice balls
FM 4474	Standard for evaluating the simulated wind uplift resistance of roof assemblies using static positive and/or negative differential pressures (only appendix C and D)
TAS 100	Test procedure for wind and wind driven rain resistance of discontinuous roof systems

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TAS 100A	Test procedure for wind and wind driven rain resistance and/or increased wind-speed resistance of soffit ventilation strip and continuous or intermittent ventilation system installed at the ridge area
TAS 201	Impact test procedures
TAS 202	Criteria for testing impact & non-impact resistant building envelope components using uniform static air pressure
TAS 203	Criteria for testing products subject to cyclic wind pressure loading
UL 1897	Standard for uplift tests for roof covering systems
UL 2218	Standard for impact resistance of prepared roof covering materials
Structural	
AAMA 101/S2/NAFS-02/A440	Voluntary performance specification for windows, skylights and glass doors
AAMA 501.4	Recommended static test method for evaluating curtain wall and storefront systems subjected to seismic and wind induced inter-story drifts
AAMA 501.7	Recommended static test method for evaluating windows, window wall, curtain wall and storefront systems subjected to vertical inter-story movements
ANSI Z97.1	Standard for safety glazing materials used in buildings -safety performance specifications and methods of test
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	Standard method for testing sectional garage doors: determination of structural performance under missile impact and cyclic wind pressure
ASTM D638	Standard Test Method for Tensile Properties of Plastics
ASTM D695	Standard Test Method for Compressive Properties of Rigid Plastics
ASTM E8	Standard Test Methods for Tension Testing of Metallic Materials
ASTM E330/E330M	Standard test method for structural performance of exterior windows, doors, skylights and curtain walls by uniform static air pressure difference
ASTM E1592	Standard test method for structural performance of sheet metal roof and siding systems by uniform 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

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ASTM E2068	Standard test method for determination of operating force of sliding windows and doors
CAN/CGSB-12.1	Tempered or laminated safety glass
CPSC 16 CFR 1201	Safety standard for architectural glazing materials
SSTD 11	Determining Wind Resistance of Concrete or Clay Roof Tiles
TAS 102	Test procedure for static uplift resistance of mechanically attached, clipped, rigid, roof systems

AAMA: American Architectural Manufacturers Association

AMCA: Air Movement and Control Association

CFR: Code of Federal Regulations

CGSB: Canadian General Standards Board

DASMA: Doors & Access Systems Manufacturers Association

FM: Factory Mutual

NAFS: North American Fenestration Standard

TAS: Testing Application Standard (Miami-Dade County Protocol)

UL: Underwriters Laboratories