

Miami-Dade County, Florida
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
BOARD AND CODE ADMINISTRATION DIVISION

Laboratory Certificate



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

This certifies that Advaced Construction Testing, LLC (ACT) company located at 1549 NFM 156, Ponder, TX 76259 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
American Association for Laboratory
Accreditation (A2LA) Certificate No. 7521.01

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.

Michael W. Smith, P.E.; Brett Thomas Fagan, P.E.

This Certification and Registration Approved: August 14, 2025
This Certification and Registration Expires : August 14, 2030

Certification No. : 25-0730.13

A blue ink signature of Helmy A. Makar.

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

A blue ink signature of 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.



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ADVANCED CONSTRUCTION TESTING (ACT)

1549 N FM 156

Ponder, TX 76259

Fred Muñoz Phone: (940) 435 2925

MECHANICAL

Valid To: May 31, 2027

Certificate Number: 7521.01

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

Test:	Test Method(s):
Product Testing	
NAFS Window Specification	NAFS AAMA 101.I.S.2/A440
Door Operation Cycling	AAMA 920
Door Misuse Testing	AAMA 925
Door Forced Entry Resistance	AAMA 1304
Air Infiltration Testing	ASTM E283
Uniform Wind Loading	ASTM E330
Laboratory Static Water Penetration	ASTM E331
Laboratory Cyclic Water Penetration	ASTM E547
Deglazing Resistance of Window Sash	ASTM E987
Window Force to Operate	ASTM E2068
Window Forced Entry Resistance	ASTM F588
Sliding Glass Door Forced Entry Resistance	ASTM F842
Life Cycle Specifications and Test Methods for AW Class Windows and Doors	AAMA 910
AW Window Force to Operate	AAMA 513
Mobile Home Window Specification	AAMA 1701.2
Mobile Home Door Specification	AAMA 1702.2
Mobile Home Window Egress Specification	AAMA 1704
Hurricane Specification	ASTM E1996
Hurricane Missile Impact and Cycle Test	ASTM E1886
Dade County Hurricane Missile Impact Test	TAS 201
Dade County Hurricane Missile Cycling	TAS 203
Dade County Hurricane Air, Water, Structural, Forced Entry Resistance	TAS 202
Laboratory Air Barrier Leakage Test	ASTM E2357
Mockup Testing	
Mockup Testing Specification	AAMA 501
Dynamic Water Resistance Using Wind Driven Rain	AAMA 501.1
Horizontal Wind-Induced Interstory Drift	AAMA 501.4
Mockup Thermal Cycle Testing	AAMA 501.5

Test:	Test Method(s):
Horizontal Wind-Induced Interstory Drift Fallout (Evaluation Only)	AAMA 501.6
Vertical Wind-Induced Interstory Movement	AAMA 501.7
Dade County Hurricane Missile Impact Test	TAS 201
Dade County Hurricane Missile Cycling	TAS 203
Dade County Hurricane Air, Water, Structural, Forced Entry Resistance	TAS 202
Hurricane Specification	ASTM E1996
Hurricane Missile Impact and Cycle Test	ASTM E1886
Air Infiltration Testing	ASTM E283
Uniform Wind Loading	ASTM E330
Laboratory Static Water Penetration	ASTM E331
Field Testing¹	
Field Static or Cyclic Water Penetration	ASTM E1105
Field Air Infiltration	ASTM E783
Field Nozzle Water Test	AAMA 501.2
Voluntary Specification for Field Testing of Newly Installed Fenestration Products	AAMA 502
Voluntary Specification for Field Testing of Newly Installed Storefronts, Curtain Walls, and Sloped Glazing Systems	AAMA 503

¹This laboratory performs field testing activities for these tests.



Accredited Laboratory

A2LA has accredited

ADVANCED CONSTRUCTION TESTING (ACT)

Ponder, TX

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 July 2025.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 7521.01
Valid to May 31, 2027

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