



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

AMERICAN TEST LAB OF SOUTH FLORIDA  
6801 NW 17<sup>th</sup> Ave.  
Fort Lauderdale, FL 33309  
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MECHANICAL

Valid To: August 31, 2019

Certificate Number: 2650.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on roof tile, windows, doors, walls, shutters, sky lights, curtain walls, storefronts:

**Test Description:**

**Test Method(s):**

Procedure for Determining Fenestration Product Air Leakage

NFRC 400;  
ASTM E283;  
TAS 202

Water Penetration Testing

ASTM E547,  
ASTM E331;  
TAS 202

Structural Performance by Uniform Static Air Pressure Difference

ASTM E330;  
TAS 202

Large and Small Missile Impact and Cyclic Pressure Differentials

ASTM E1886,  
ASTM E1996;  
TAS 201,  
TAS 203

Forced Entry Resistance

ASTM F842,  
ASTM F588;  
AAMA 1302.5,  
AAMA 1303.5,  
AAMA 1304

Safety Glazing Materials used in Buildings – Safety Performance Specifications and Methods of Test

ANSI Z97.1  
(Impact Only)

Determination of Operating Force of Sliding Windows and Doors

ASTM E2068

Standard Test Methods for Deglazing Force of Fenestration Products

ASTM E987

Standard Specification for Clay Roof Tiles, Physical Properties

ASTM C1167,  
ASTM C67, Sec. 8 & 9

(A2LA Cert. No. 2650.01) 8/15/2017

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**Test Description:**

Standard Specification for Concrete Roof Tile, Physical Properties

Static Up Lift Resistance Testing of Roof Tile Systems

Test Procedure for 12' x 24' Simulated Uplift Pressure Resistance of Roof Assembly

**Test Method(s):**

ASTM C1492,  
ASTM C67, Sec. 8 & 9;  
TAS 112

TAS 101,  
TAS 102 & 102A;  
ASTM C1568;  
SSTD 11-99

TAS 114-95, App. J;  
FM 4470, App. K

I. Dimensional Testing<sup>1</sup>

Parameter	Range	CMC <sup>2</sup> (±)	Comments
Linear <sup>3</sup>	Up to 1 in	0.00014 in	Micrometer / MIL-STD-120 (Canceled 5/15/96) <sup>4</sup>
Linear <sup>3</sup>	Up to 6 in	0.0013 in	Caliper / MIL-STD-120 (Canceled 5/15/96) <sup>4</sup>
Linear <sup>3</sup>	Up to 25 ft	0.050 in	Tape measure / MIL-STD-120 (Canceled 5/15/96) <sup>4</sup>

<sup>1</sup> This laboratory offers commercial dimensional testing service only.

<sup>2</sup> Calibration and Measurement Capability (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine measurements of nearly ideal measurement standards or nearly ideal measuring equipment. CMC represent expanded uncertainties expressed at approximately the 95% level of confidence, usually using a coverage factor of  $k = 2$ . The actual measurement uncertainty of a specific measurement performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific measurement.

<sup>3</sup> This test is not equivalent to that of a calibration.

<sup>4</sup> This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.



*The laboratory is accredited for the test methods listed above. The accredited test methods are used in determining compliance with the material specifications included below; however, the inclusion of these material specifications on this Scope does not confer laboratory accreditation to the material specifications. Inclusion of these material specifications on this Scope also does not confer accreditation for every method embedded within the specification. Only the methods listed above on this Scope are accredited.*

Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors	ANSI/AAMA/NWDA 101/IS2
Voluntary Performance Specifications for Windows, Skylights and Glass Doors	ANSI/AAMA/WDMA 101/IS2/NAFS
Standard/Specification for Windows, Doors and Unit Skylights	AAMA/WDMA/CSA 101/IS2/A440

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## *Accredited Laboratory*

A2LA has accredited

# AMERICAN TEST LAB OF SOUTH FLORIDA

*Ft. Lauderdale, FL*

for technical competence in the field of

## Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 8 January 2009).



Presented this 15<sup>th</sup> day of August, 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 2650.01  
Valid to August 31, 2019

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