

Laboratory Certificate



Miami-Dade County, Florida
Department of Regulatory and Economic Resources
Board and Code Administration Division
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 Molimo, LLC located at 1410 Eden Road, York, PA 17402 is an approved Testing Laboratory in accordance with Miami-Dade County Department of Regulatory and Economic Resources and Protocol TAS301-94, and is Certified to perform the following tests:

TAS201
TAS202
TAS203
Standards listed in
International Accreditation Service (IAS) TL-678

Results of the above mentioned test shall be properly submitted to the Miami-Dade County Department of Regulatory and Economic Resources per TAS301-94, along with all other documentation required for the approval of products. Approved engineer(s) for this laboratory.

Michael D. Stremmel, P.E.

This Certification and Registration Approved: October 6, 2022
This Certification and Registration Expires : October 19, 2027

Certification No. : 22-0916.02 Renews: 17-0922.05

A blue ink signature of Helmy A. Makar.

*Helmy A. Makar, P.E.
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 TAS301-94.



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

MOLIMO, LLC.

1410 EDEN ROAD
YORK, PENNSYLVANIA 17402, USA

Testing Laboratory TL-678

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 April 8, 2022



A handwritten signature in black ink, reading "Raj Nathan". The signature is written in a cursive style with a horizontal line underneath.

President

Visit 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

MOLIMO, LLC.

Contact Name Michael Stremmel, P.E.

Contact Phone +1-717-916-6300

Accredited to ISO/IEC 17025:2017

Effective Date April 8, 2022

Structural	
AAMA 501.1	Standard test method for water penetration of windows, curtain walls and doors using dynamic pressure
ANSI Z97.1	For Safety glazing Materials Used in Buildings – Safety Performance Specifications and Methods of Test (Exclude Sections 4.6, 4.7.2, & 5.4 Weathering for Laminated, Organic and Plastic Glazing)
ASTM C1629	Standard Classification for Abuse-Resistant Nondecorated Interior Gypsum Panel Products and Fiber-Reinforced Cement Panels (Exclude Sections 6.1 & 6.2)
ASTM D1761	Standard Test Methods for Mechanical Fasteners in Wood
ASTM D5206	Standard test method for windload resistance of rigid plastic siding
ASTM D7032	Standard Specification for Establishing Performance Ratings for Wood-Plastic Composite and Plastic Lumber Deck Boards, Stair Treads, Guards, and Handrails (Exclude Section 5 for Deck requirements, 4.8 for Biodeterioration, and 4.9 for Surface Burning.)
ASTM E330	Standard test method for structural performance of exterior windows, doors, skylights and curtain walls by uniform static air pressure difference
ASTM E695	Standard Test Method of Measuring Relative Resistance of Wall, Floor, and Roof construction to Impact Loading
ASTM E1233	Standard test method for structural performance of exterior windows, doors, skylights, and curtain walls by cyclic air pressure differential
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
CAN/CGSB 12,1-M90	Safety Glazing (Exclude Section 10.4)
CPSC 16 CFR 1201	Safety Standard for Architectural Glazing Materials (Exclude Sections 1201.4 (c) (3)(ii)(B) 1201.4(d)(2)(ii)(B) and 1201.4.(e)(2)(ii)(B)(1) & (2))
ICC ES AC174	Acceptance Criteria for Deck Board Span Ratings and Guardrail Systems (Guards and Handrails) (Exclude Sections 3.4, 3.9, 3.10, 3.11, & 4.0)
TAS 201	Impact test procedures
TAS 202	Criteria for testing impact and nonimpact resistant building envelope components using uniform static air pressure

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TAS 203	Criteria for testing products subject to cyclic wind pressure loading
Physical	
AAMA 101 (AAMA/WDMA/CSA 101/I.S.2/A440)	North American fenestration standard/specification for windows, doors and skylights
AAMA 501.2	Quality assurance and diagnostic water leakage field check of installed storefronts, curtain walls and sloped glazing systems
AAMA 501.5	Test Method for Thermal Cycling of Exterior Walls
AAMA 502	Voluntary specification for field testing of newly installed fenestration products
AAMA 503	Voluntary specification for field testing of newly installed storefronts, curtain walls and sloped glazing systems
AAMA 509	Voluntary test and classification method for drained and back ventilated rain screen wall cladding system
AAMA 925	Specification for determining the vertical loading resistance of side-hinged door leaves
AAMA 1304	Voluntary specification for forced entry resistance of side-hinged door systems
ASTM C666	Standard Test Method for Resistance of Concrete to Rapid Freezing and Thawing (Exclude Section 4.3 Dynamic Testing Apparatus and exclude Section 4.6 Tempering Tank, and Section 10.2.3)
ASTM C1601	Standard test method for field determination of water penetration of masonry wall surfaces
ASTM D638	Standard Test Method for Tensile Properties of Plastics
ASTM D790	Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
ASTM D2395	Standard Test Methods for Density and Specific Gravity (Relative Density) of Wood and Wood-Based Materials
ASTM D2565	Standard Practice for Xenon-Arc Exposure of Plastics Intended for Outdoor Applications
ASTM D4442	Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood-Based Materials
ASTM D6109	Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastic Lumber and Related Products
ASTM E8	Standard Test Methods for Tension Testing of Metallic Materials
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

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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 E779	Standard Test Method for Determining Air Leakage Rate by Fan Pressurization
ASTM E935	Standard Test Methods for Performance of Permanent Metal Railing Systems and Rails for Building
ASTM E985	Standard Specification for Permanent Metal Railing Systems and Rails for Buildings
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 E1677	Standard specification for air barrier (ab) material or system for low-rise framed building walls (except section 5.1.4)
ASTM E2068	Standard test method for determination of operating force of sliding windows and doors
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 G151	Standard Practice for Exposing Nonmetallic Materials in Accelerated Test Devices that Use Laboratory Light Sources
ASTM G154	Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials
ASTM G155	Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials
ICC-ES AC273	Acceptance Criteria for Handrails and Guards