

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 Moisture Intrusion Solutions, Inc. dba National Testing Services located at 475 Fentress Blvd, Suite A, Daytona Beach, FL 32114 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-713

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:

Joseph D. Hiller, P.E.; Jaime Scott Douglass, P.E.

This Certification and Registration Approved: March 21, 2024

This Certification and Registration Expires : September 29, 2026

Certification No. : 24-0307.02 Revises: 21-0615.01

A handwritten signature in blue ink that reads "Helmy A. Makar".

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

A handwritten signature in blue ink that reads "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.



CERTIFICATE OF ACCREDITATION

This is to attest that

MOISTURE INTRUSION SOLUTIONS, LLC DBA NATIONAL TESTING SERVICES

475 FENTRESS BOULEVARD, SUITE A
DAYTONA BEACH, FLORIDA 32114, U.S.A.

Testing Laboratory TL-713

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 June 19, 2022



A handwritten signature in black ink, appearing to read "Raj Nathan".

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

MOISTURE INTRUSION SOLUTIONS, LLC DBA NATIONAL TESTING SERVICES

www.consultMIS.com

Contact Name Elizabeth Peterson

Contact Phone +386-631-5347

Accredited to ISO/IEC 17025:2017

Effective Date June 19, 2022

Physical	
AAMA 501.2	Quality assurance and diagnostic water leakage field check of installed storefronts, curtain walls and sloped glazing systems
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 511	Voluntary guideline for forensic water penetration testing of fenestration products
ASTM C1601	Standard test method for field determination of water penetration of masonry wall surfaces
ASTM D4541	Standard test method for pull-off strength of coatings using portable adhesion testers
ASTM D7877	Standard guide for electronic methods for detecting and locating leaks in waterproof membranes
ASTM E283	Standard test method for determining rate of air leakage through exterior windows, skylights, 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 E547	Standard test method for water penetration of exterior windows, skylights, doors, and curtain walls by cyclic static air pressure difference
ASTM E779	Standard test method for Determining air leakage rate by Fan pressurization
ASTM E783	Standard test method for field measurement of air leakage through installed exterior windows and doors
ASTM E907	Standard test method for field testing uplift resistance of adhered membrane roofing systems
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

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ASTME1186	Standard practices for air leakage site detection in building envelopes and air barrier systems
ASTME1886	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
ASTME1996	Standard specification for performance of exterior windows, curtain walls, doors, and impact protective systems impacted by windborne debris in hurricanes
ASTME2068	Standard test method for determination of operating force of sliding windows and doors
ASTME2128	Standard guide for evaluating water leakage of building walls
ASTME2359	Standard test method for field pull testing of an in-place exterior insulation and finish system clad wall assembly
ASTMF588	Standard test methods for measuring the forced entry resistance of window assemblies, excluding glazing impact
ASTMF710	Standard practice for preparing concrete floors to receive resilient flooring
ASTMF842	Standard test methods for measuring the forced entry resistance of sliding door assemblies, excluding glazing impact
ASTMF1869	Standard test method for measuring moisture vapor emission rate of concrete subfloor using anhydrous calcium chloride
ASTMF2170	Standard test method for determining relative humidity in concrete floor slabs using in situ probes
Factory Mutual 1-52	Field verification of roof wind uplift resistance
FBC-TP TAS 114, Appendix D	Test procedure for simulated uplift pressure resistance of adhered roofing assemblies
FBC-TP TAS 124	Test procedure for field uplift resistance of existing membrane roof systems and in-situ testing for reroof and new construction applications
FBC-TP TAS 201	Impact test procedures
FBC-TP TAS 202	Criteria for testing impact & nonimpact resistant building envelope components using uniform static air pressure
FBC-TP TAS 203	Criteria for testing products subject to cyclic wind pressure loading
Structural	
ASTM E330	Standard test method for structural performance of exterior windows, doors, skylights and curtain walls by uniform static air pressure difference
ASTM E987	Standard test methods for deglazing force of fenestration products
Air Barrier Standards	

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AAMA 711	Specification for Self-Adhering Flashing Used for Installation of Exterior Wall Fenestration Products
AAMA 714	Voluntary Specification for Liquid-Applied Flashing Used to Create a Water Resistive Seal around Exterior Wall Openings in Buildings
AATCC 127	Test Method for Water Resistance: Hydrostatic Pressure
ABAA T0002	Standard Test Method for Pull Off Strength of Adhered Air and Water Resistive Barriers Using an Adhesion Tester
ABAA T0004	Standard Test Method for Determining Gap Bridging Ability of Air and Water Resistive Barrier Materials
ASTM C297	Standard Test Method for Flatwise Tensile Strength of Sandwich Constructions
ASTM C794	Standard Test Method for Adhesion-in-Peel of Elastomeric Joint Sealants
ASTM C836/C836M	Standard specification for high solids content, cold liquid-applied elastomeric waterproofing membrane for use with separate wearing course
ASTM C1305/C1305M	Standard test method for crack bridging ability of liquid-applied waterproofing membrane
ASTM C1306/C1306M	Standard test method for hydrostatic pressure resistance of liquid-applied waterproofing membrane
ASTM C1522	Standard Test Method for Extensibility After Heat Aging of Cold Liquid-Applied Elastomeric Waterproofing Membranes
ASTM D412	Standard test methods for vulcanized rubber and thermoplastic elastomers—tension
ASTM D779	Standard Test Method for Determining the Water Vapor Resistance of Sheet Materials in Contact with Liquid Water by the Dry Indicator Method
ASTM D828	Standard Test Method for Tensile Properties of Paper and Paperboard Using Constant-Rate-of-Elongation Apparatus
ASTM D882	Standard Test Method for Tensile Properties of Thin Plastic Sheeting
ASTM D903	Standard test method for peel or stripping strength of adhesive bonds
ASTM D1876	Standard Test Method for Peel Resistance of Adhesives (T-Peel Test)
ASTM D1970	Standard Specification for Self-Adhered Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection, sections 7.3, 7.6 & 7.9
ASTM D2240	Standard test method for rubber property—durometer hardness
ASTM D2939	Standard test method for emulsified bitumens used as protective coatings (section 15, method A only)

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ASTM D3330	Standard Test Method for Peel Adhesion of Pressure Sensitive Tape, Methods B & F
ASTM D4073/D4073M	Standard test method for tensile-tear strength of bituminous roofing membranes
ASTM D5034	Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
ASTM D5385/D5385M	Standard test method for hydrostatic pressure resistance of waterproofing membranes
ASTM D7349	Standard Test Method for Determining the Capability of Roofing and Waterproofing Materials to Seal around Fasteners
ASTM E96/E96M	Standard Test Methods for Gravimetric Determination of Water Vapor Transmission Rate of Materials
ASTM E154	Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover, Section 10
ASTM E2178	Standard Test Method for Determining Air Leakage Rate and Calculation of Air Permeance of Building Materials
ASTM E2273	Standard Test Method for Determining the Drainage Efficiency of Exterior Insulation and Finish Systems (EIFS) Clad Wall Assemblies
ASTM E2357	Standard test method for determining air leakage rate of air barrier assemblies
ASTM E2485	Standard Test Method for Freeze-Thaw Resistance of Exterior Insulation and Finish Systems (EIFS) and Water Resistive Barrier Coatings, Method B
ASTM E2556/E2556M	Standard Specification for Vapor Permeable Flexible Sheet Water-Resistive Barriers Intended for Mechanical Attachment
ASTM E2925	Standard Specification for Manufactured Polymeric Drainage and Ventilation Materials Used to Provide a Rainscreen Function
ASTM G154	Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials
ICC-ES AC38	Acceptance Criteria for Water-resistive Barriers
ICC-ES AC212	Acceptance Criteria for Water-resistive Coatings Used as Water-resistive Barriers over Exterior Sheathing, Sections 4.1, 4.2, 4.4, & 4.5