Miami-Dade County, Florida
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
BOARD AND CODE ADMINISTRATION DIVISON
PRODUCT CONTROL SECTION
11805 S.W. 26 Street-Room 208
Miami, Florida 33175-2474
T (786) 315-2590 Fax (786) 315-2599

Laboratory Certificate

This certifies that Intertek Testing Services NA Ltd. located at 6225 Kenway Drive, Mississauga,Ontario L5T 2L3 Canada 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:

AAMA 103(Section 5)	ASTM E987
AAMA 920	ASTM E2068
AAMA 925	ASTM F588
AAMA 1304	ASTM F842
ASTM E283	TAS 201
ASTM E330	TAS 203
ASTM E331	I.A.S. Certificate TL-273
ASTM E547	

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:

Tyler Westerling, P.E.; Vinu Joseph Abraham, P.E.; Austin Louis, Wilcox, P.E.

This Certification and Registration Approved: **August 20, 2026**
This Certification and Registration Expires : **July 15, 2029**

Certification No. : **26-0727.03** *Revises: 24-0701.11*

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.

CERTIFICATE OF ACCREDITATION

This is to attest

INTERTEK TESTING SERVICES NA, LTD.

6225 KENWAY DRIVE
MISSISSAUGA, ONTARIO L5T 2L3, CANADA

Testing Laboratory TL-273

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 January 27, 2026

International Accreditation Service
Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

INTERTEK TESTING SERVICES NA, LTD.

www.intertek.com

Contact Name Tyrone Williams **Contact Phone** +19056787820

Accredited to ISO/IEC 17025:2017 *Effective Date January 27, 2026*

Physical	
AAMA 501.1	Standard test method for water penetration of windows, curtain walls and doors using dynamic pressure
AAMA 501.5	Test method for thermal cycling of exterior walls
ANSI Z97.1	Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test (Except for Section 5.4 Weathering test)
ASTM B117	Standard practice for operating salt spray (fog) apparatus
ASTM C203	Standard Test Methods for Breaking Load and Flexural Properties of Block-Type Thermal Insulation (except Method II)
ASTM C518	Standard test method for steady-state thermal transmission properties by means of the heat flow meter apparatus
ASTM C578	Standard specification for rigid, cellular polystyrene thermal insulation
ASTM C627	Standard test method for evaluating ceramic floor tile installation systems using the Robinson-type floor tester
ASTM C1029	Standard specification for spray-applied rigid cellular polyurethane thermal insulation
ASTM C1186	Standard specification for flat fiber-cement sheets
ASTM C1289	Standard specification for faced rigid cellular polyisocyanurate thermal insulation board
ASTM C1396	Standard specification for gypsum board (except section 4.5)
ASTM D570	Test Method for Water Absorption of Plastics
ASTM D638	Standard test method for tensile properties of plastics (Except section 6, and all of section 11 except for 11.2 and 11.4)
ASTM D790	Standard test methods for flexural properties of unreinforced and reinforced plastics and electrical insulating materials
ASTM D882	Standard Test Method for Tensile Properties of Thin Plastic Sheeting
ASTM D1598	Standard test method for time-to-failure of plastic pipe under constant internal pressure
ASTM D1621	Standard test method for compressive properties of rigid cellular plastics

ASTM D1622	Standard test method for apparent density of rigid cellular plastics
ASTM D1623	Standard test method for tensile and tensile adhesion properties of rigid cellular plastics
ASTM D1970	Standard specification for self-adhering polymer modified bituminous sheet materials used as steep roofing underlayment for ice dam protection
ASTM D2126	Standard test method for response of rigid cellular plastics to thermal and humid aging
ASTM D2523	Practice for Testing Load Strain Properties of Roofing Membranes (except 7.8)
ASTM D2565	Standard practice for xenon-arc exposure of plastics intended for outdoor applications (cycle 1)
ASTM D2842	Standard test method for water absorption of rigid cellular plastics
ASTM D3045	Standard Practice for Heat Aging of Plastics Without Load
ASTM D3679	Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Siding (except Sections 6.9, 6.10 and 6.16)
ASTM D4434	Standard specification for poly (vinyl chloride) sheet roofing (except sections 8.11.1, 8.14, and 8.15)
ASTM D5034	Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
ASTM D6108	Standard test method for compressive properties of plastic lumber and shapes (Except section 12.1.11)
ASTM D6109	Standard test methods for flexural properties of unreinforced and reinforced plastic lumber and related products
ASTM D6111	Standard test method for bulk density and specific gravity of plastic lumber and shapes by displacement
ASTM D6112	Standard test methods for compressive and flexural creep and creep-rupture of plastic lumber and shapes
ASTM D6341	Standard test method for determination of the linear coefficient of thermal expansion of plastic lumber and plastic lumber shapes between –30 and 140°F (–34.4 and 60°C)
ASTM D7031	Standard guide for evaluating mechanical and physical properties of wood-plastic composite products
ASTM E8/E8M	Standard test methods for tension testing of metallic materials
ASTM E72	Standard test methods of conducting strength tests of panels for building construction (except sections 10, 14, and 15)
ASTM E96/E96M	Standard test methods for water vapor transmission of 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 E547	Standard test method for water penetration of exterior windows, skylights, doors, and curtain walls by cyclic static air pressure difference
ASTM E1252	Standard Practice for General Techniques for Obtaining Infrared Spectra for Qualitative Analysis
ASTM E2357	Standard Test Method for Determining Air Leakage Rate of Air Barrier Assemblies
ASTM E2634	Standard specification for flat wall insulating concrete form (ICF) systems (Except sections 6.1.5, 6.2.2, 6.2.3, 6.2.6, and 6.3)
ASTM F842	Standard test methods for measuring the forced entry resistance of sliding door assemblies, excluding glazing impact
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
BNQ 3624-250	Unplasticized poly (vinyl chloride) [PVC-U] pipe and fittings - rigid pipe for pressurized water supply and distribution (section 6.2.1.2)
CAN/CGSB 12.1	Safety Glazing, (except section 10.4 Weathering test)
CAN/CSA C22.2 No. E60335-2-40 / UL 60335-2-40	Safety of household and similar electrical appliances - Part 2 - 40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers
CAN/ULC S701.1	Standard for Thermal Insulation, Polystyrene Boards (except section 17)
CAN/ULC S702.1	Standard for Mineral Fibre Thermal Insulation for Buildings, Part 1: Material Specification, (except sections 8.8, 8.9, 8.12, 8.13, 9.6, 9.7, 9.8, 9.9)
CAN/ULC S703	Standard for Cellulose Fibre Insulation (CFI) for Buildings, (except sections 5.2.2, 5.2.5, 5.2.7, 5.2.8, 5.2.9, 5.2.10, 5.2.11)
CAN/ULC S704.1	Standard for Thermal Insulation, Polyurethane and Polyisocyanurate, Boards, Faced, (except section 10.6)
CAN/ULC S705.1	Standard for Thermal Insulation - Spray Applied Rigid Polyurethane Foam, Medium Density – Material Specification, (except sections 5.5.1, 5.5.5, 5.5.7, 5.5.8, 5.5.10)
CAN/ULC S710.1	Standard for Bead-Applied One Component Polyurethane Air Sealant Foam, Part 1: Material Specification, (except sections 10.1, 10.4, 10.6, 10.7, 10.8)
CAN/ULC S711.1	Standard for Bead-Applied Two Component Polyurethane Air Sealant Foam, Part 1: Material Specification, (except sections 10.1, 10.2, 10.5, 10.7, 10.8)
CAN/ULC S712.1	Standard for Thermal Insulation – Light Density, Open Cell Spray Applied Semi-Rigid Polyurethane Foam - Material Specification, (except sections 10.1, 10.4, 10.5, 10.6, 10.8)

CAN/ULC S716-1	Standard for Exterior Insulation and Finish Systems (EIFS) – Materials and Systems (except sections 10.1, 10.2, 10.7, 10.10, 10.11, 10.12, 11.1, 11.2, 11.9, 12.2, 12.3, 12.4)
CAN/ULC S717.1	Standard for Flat Wall Insulating Concrete Form (ICF) Units – Material Properties, (except sections 8.2.1, 8.2.2)
CAN/ULC S770	Standard Test Method for Determination of Long-Term Thermal Resistance of Closed-Cell Thermal Insulating Foams
CGSB 37-GP-56M	Standard for Membrane, Modified Bituminous, Prefabricated & Reinforced for Roofing, (except sections 7.2.6, 7.2.10, 7.2.12)
CPSC 16 CFR Part 1201	Safety Standard for Architectural Glazing Materials (referenced as CPSC Title 16, Chapter II, Subchapter B, Part 1201.4), (only Part 1201.4 Test Procedures)
ICC ES AC12	Foam plastic insulation (test methods referenced in section 4, sections 4.5.11.5.3, 4.5.7, 4.5.14, 4.5.15.1 and 4.5.15.2 only)
ICC ES AC37	Vinyl Siding
ICC ES AC114	Rigid polyethylene, below-grade, damp proofing and wall waterproofing material
ICC ES AC377	Spray-applied foam plastic insulation (test methods referenced in section 3.0, except sections 3.2 and 3.3)
Structural	
AAMA/WDMA/CSA 101/I.S.2/A440	North American Fenestration Standard (NAFS) / Specification for windows, doors, and skylights
ASTM D1761	Standard test methods for mechanical fasteners in wood (only 28 and 29, except for 28.5)
ASTM D6117	Standard test methods for mechanical fasteners in plastic lumber and shapes
ASTM D7032	Standard specification for establishing performance ratings for wood-plastic composite and plastic lumber deck boards, stair treads, guards, and handrails (except 4.8 and 4.9)
ASTM E1105	Field Determination of Water Penetration of Installed Exterior Windows, Skylights, Doors, and Curtain Walls, by Uniform or Cyclic Static Air Pressure Difference
ASTM E330/E330M	Standard test method for structural performance of exterior windows, doors, skylights and curtain walls by uniform static air pressure difference
ASTM E661	Standard Test Method for Performance of Wood and Wood-Based Floor and Roof Sheathing Under Concentrated Static and Impact Loads
ASTM E783	Field Measurement of Air Leakage Through Installed Exterior Windows and Doors
ASTM E935	Standard Test Methods for Performance of Permanent Metal Railing Systems and Rails for Buildings
ASTM F1450	Hollow Metal Swinging Door Assemblies for Detention and Correctional Facilities, (except sections 7.1, 7.4)
CAN/CGSB 7.2	Adjustable Steel Columns

CSA A440S1	North American Fenestration Standard/Specification for Windows, Doors, and Skylights.
ICC ES AC174	Deck board span ratings and guardrail systems (guards and handrails) (test methods referenced in section 3, 4 and 5, except sections 3.9 and 3.10)
ICC ES AC273	Handrails and guards (test methods referenced in section 4.0)
Electrical	
ANSI/UL 50/CSA C22.2 No. 94.1/NMX-J-235/1-ANCE-2015	Enclosures for electrical equipment, non-environmental considerations
ANSI/UL 1995 / CSA C22.2 No. 236	Heating and cooling equipment
CAN/CSA E60335-2-2/IEC 60335-2-2/EN 60335-2	Vacuum Cleaners and Water Suction Appliances (Except for: Cl 21.102: Current-carrying hoses shall be resistant to abrasion, Cl 21.103: Current-carrying hoses shall be resistant to flexing, Cl 21.104: Current-carrying hose shall be resistant to torsion)
UL 1598 / CSA C22.2 No. 250.0	Luminaires (Except for: Cl. 7 Glow Wire End Product, Cl. 16.6 Hot Wire Ignition, Cl. 16.8 Hot Wire Arc Ignition, Cl. 16.9 End Product Arc Resistance, Cl. 16.11 Metallized Polymeric Coating Adhesion)
UL 60601-1/CSA C22.2 No. 60601-1/IEC 60601-1	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance (Except for: 8.5.5.2 Energy reduction test 8.8.4.2 Resistance to environmental stress 8.9.1.7 Material groups classification 8.9.1.16 Conductive surface coatings 9.5.2 Cathode ray tubes 9.6.3 Hand-transmitted vibration 10.1 X-radiation 11.2 Spark Ignition test for devices used in high-oxygen concentration environments 11.6.7 Sterilization 15.4.2 Temperature and overload control devices (PTC device testing) 15.4.3.4 Primary Lithium batteries (battery tests as per IEC 60086-4) 15.4.3.4 Secondary Lithium batteries (battery test as per IEC 62133-2) A 10.4 Light emitting diodes (LEDs) G Protection against hazards of ignition of flammable anaesthetic mixtures L Insulated winding wires for use without interleaved insulation
UL 60950-1/CAN/CSA C22.2 No. 60950-1/IEC 60950-1/EN 60950-1	Safety of Information Technology Equipment Including Electrical Business Equipment (Except for: Cl.1.5: Components, Cl.4.2.5 Impact Test, Cl. 3.6 Direct Plugin Equipment, Cl. 4.3.13.2 Ionization Meter, Cl. 4.3.13.3 Effect of UV Radiation Meter, Cl. 4.3.13.5 Laser Radiation, Cl. 4.7.3 Materials Tests, Cl.4.7.3.6 Material used in High Voltage Components, Cl. 6: Connection to the Telecommunication Network, Annex M, Annex K)
UL 61010-1/CAN/CSA C22.2 No. 61010-1/IEC 61010-1/EN 61010-1	Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use, Part 1 – General Requirements (Except for: Cl.11.6 Specialty

	Protected Equipment (2P rated), Cl.11.3 High Voltage Devices, Clause 12: Protection against radiation including laser sources and ultrasonics)
UL 62368-1 / CSA C22.2 No. 62368-1 / IEC 62368-1	Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements (Except for: 10.4 lasers Annex C.2 (C.2.1 to C.2.4.) light conditioning test, Annex D.1 Impulse test generators, Annex G.1 surge current, Annex G.9.2 Integrated Circuit (IC) current limiters(test program), Annex G.15.2.4 Vibration test, Annex G.16.2 ICX test requirements, Annex H (telephone ringing signals), Annex J (insulated wiring wires for use without interleaved insulation), Annex N (Electrochemical Potentials), Annex R (limited short-circuit test), Annex S (Test for resistance to heat and fire), Annex U (Mechanical strength of CRTs))

AAMA: American Architectural Manufacturers Association

ANSI: American National Standards Institute

BHMA: Builders Hardware Manufacturers Association

BNQ: Bureau de normalization du Québec

CGSB: Canadian General Standards Board

ICC ES: International Code Council Evaluation Service

NAFS: North American Fenestration Standard

UL: Underwriters Laboratories

WDMA: Window and Door Manufacturer Association