

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 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)

AAMA 920

AAMA 925

AAMA 1304

ASTM E283

ASTM E330

ASTM E331

ASTM E547

ASTM E987

ASTM E2068

ASTM F588

ASTM F842

TAS 201

TAS 203

Standards Council of Canada Certificate No. 36

I.A.S. Certificate TL-273

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.; Michael Weigner, P.E.; Daniel Thorley, P.E.;
Tanya A. Dolby, P.E.

This Certification and Registration Approved: June 30, 2022

This Certification and Registration Expires : July 15, 2024

Certification No. : 22-0428.02 Revises: 20-0831.02

A handwritten signature in blue ink, appearing to read "Helmy A. Makar".

Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor

Product Control Section

A handwritten signature in blue ink, appearing to read "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.



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

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 6, 2021



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

INTERTEK TESTING SERVICES NA, LTD.

www.intertek.com

Contact Name Igor Radovic

Contact Phone +1-905-6787820

Accredited to ISO/IEC 17025:2017

Effective Date January 6, 2021

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
ASTM B117	Standard practice for operating salt spray (fog) apparatus
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 C1185	Standard test methods for sampling and testing non-asbestos fiber-cement flat sheet, roofing and siding shingles, and clapboards
ASTM C1186	Standard specification for flat fiber-cement sheets
ASTM C1289	Standard specification for faced rigid cellular polyisocyanurate thermal insulation board
ASTM C1325	Standard specification for fiber-mat reinforced cementitious backer units
ASTM C1396	Standard specification for gypsum board (except section 4.5)
ASTM D226	Standard specification for asphalt-saturated organic felt used in roofing and waterproofing
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 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

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

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 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 D4434	Standard specification for poly (vinyl chloride) sheet roofing (except sections 8.11.1, 8.14, and 8.15)
ASTM D4442	Standard test methods for direct moisture content measurement of wood and wood-based materials
ASTM D6108	Standard test method for compressive properties of plastic lumber and shapes
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

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

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/ULC-S716-1	Standard for Exterior Insulation and Finish Systems (EIFS) – Materials and Systems (sections 5.3.3, 5.3.4, 5.3.5, 5.3.6, 5.3.8, 5.3.11, 5.4.3, 5.4.4, 5.4.5, 5.4.7, 5.4.8, 5.5.1 and 5.5.2 only)
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 101/1.S.2	Voluntary specifications for aluminum, vinyl (PVC) and wood windows and glass doors
AAMA/WDMA/CSA 101/1.S.2/A440	North American Fenestration Standard (NAFS) / Specification for windows, doors, and skylights
ASTM D1761	Standard test methods for mechanical fasteners in wood
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 E330/E330M	Standard test method for structural performance of exterior windows, doors, skylights and curtain walls by uniform static air pressure difference
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)
WDMA I.S. 2	Wood window units

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

WDMA I.S. 3	Wood sliding patio doors
WDMA I.S. 6	Wood stile & rail doors
WDMA I.S. 7	Skylite/roof windows
WDMA I.S. 8	Wood swinging patio doors
WDMA I.S. 9	Wood primary entrance doors
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 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)

AAMA: American Architectural Manufacturers Association

BHMA: Builders Hardware Manufacturers Association

BNQ: Bureau de normalization du Québec

ICC ES: International Code Council Evaluation Service

NAFS: North American Fenestration Standard

UL: Underwriters Laboratories

WDMA: Window and Door Manufacturer Association