CERTIFICATE OF ACCREDITATION

This is to attest that

UL LABORATORY CANADA INC.

7 UNDERWRITERS ROAD
TORONTO, ONTARIO M1R 3A9, CANADA

Testing Laboratory TL-850

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 13, 2023

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

UL LABORATORY CANADA INC.

www.ul.com/building envelope

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Accredited to ISO/IEC 17025:2017 *Effective Date June 13, 2023*

Physical Testing	
AAMA 450	Voluntary Performance Rating Method for Mulled Fenestration Assemblies
AAMA 501	Method of Test for Metal Curtain Walls. (Only Sections 501.1, 501.2, 501.3, 501.4, 501.5, 501.6, 501.7 and 501.8)
AAMA 910	Voluntary "Life Cycle" Specifications and Test Methods for Architectural Windows and Doors
AAMA 920	Specification for Operating Cycle Performance of Side-Hinged Exterior Door Systems
AAMA 925	Specification Determining the Vertical Loading Resistance of Side-Hinged Door Leaves
AAMA 1304	Voluntary Specification for Forced Entry Resistance of Side-Hinged Door Systems
AAMA 1503	Voluntary Test Method for Thermal Transmittance and Condensation Resistance of Windows, Doors and Glazed Wall Sections
AAMA 1506	Voluntary Test Method for Laboratory Heat Build-Up Effects on Fenestration Products
AAMA 1701.2	Voluntary Standard for Utilization in Manufactured Housing for Primary Windows and Sliding Glass Doors
AAMA 1702.2	Voluntary Standard for Utilization in Manufactured Housing for Swinging Exterior Passage Doors
AAMA/NWWDA 101/I.S.2-97	Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors
AAMA/WDMA/CSA 101/I.S.2/A440	Standard/Specification windows, doors, and unit skylights (except Chapter 6 and 7)
AAMA/WDMA/CSA 101/I.S.2/A440S1	Canadian Supplement to AMA/WDMA/CSA/ 101/I.S.2/A400
ANSI/SDI A250.4-201	Test Procedure and Acceptance Criteria for- Physical Endurance for Steel Doors, frames and Frame Anchors

ASTM E283	Standard Test Method for Determining the rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen
ASTM E330	Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference
ASTM E331	Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls, and Doors by Static Air Pressure Difference
ASTM E547	Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls, and Doors by Cyclic Air Pressure Differential
ASTM E935	Standard Test Methods for Performance of Permanent Metal Railing Systems and Rails for Buildings
ASTM E2068	Standard Test Methods for Determination of Operating Force of Sliding Windows and Doors
ASTM E2353	Standard Test Methods for Performance of Glazing in Permanent Railing Systems, Guards, and Balustrades
ASTM F588	Standard Test Methods for Measuring the Forced Entry Resistance of Window Assemblies (except Glazing Impact)
ASTM F842	Standard Test Methods for Measuring the Forced Entry Resistance of Sliding Door Assemblies (Except Glazing Impact)
CAN/CGSB 63.14-M	Plastic Skylights (only Sections 7.2.3, 7.2.4 and 7.2.5)
CAN/CSA A440	Windows (only Sections 11.2, 11.3, 11.4, 11.5, 11.6, 11.7, 11.8, 11.9, 11.10, 11.11, 11.12, 11.13 and 11.14)
CSA A500	Building Guards (Only Cl. 5 Testing, except Cl. 5.6)
NAFS	North American Fenestration Standard/ Specification for Windows, doors and skylights: Section 5 "Performance Requirements" (5.1, 5.2 &5.3)
WDMA T.M.-7	Test Method for Determining the Physical Endurance of Wood Doors & Associated Hardware Connections under Operating Conditions
Field Testing	
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
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 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 E1186	Standard Practices for Air Leakage Site Detection in Building Envelopes and Air Barrier Systems

AAMA: American Architectural Manufacturers Association

ANSI: American National Standards institute, Inc.

ASTM: American Society for Testing and Materials

BHMA: Builders Hardware Manufacturers Association

CAN: Canadian Test Method

CAN/CGSB: Canadian Test Method from the «Canadian General Standard Board»

CAN/CSA: Canadian Test Method from the « Canadian Standard Association»

CAN/ULC: Canadian Test Method from the «Canadian Underwriters Laboratory»

CGSB: Canadian General Standard Board

CSA: Canadian Standard Association

DASMA: Door & Access Systems Manufacturers' Association, International

NWWDA: National Wood Window & Door Association

WDMA: Windows & Doors Manufacturing Association