

## SCOPE OF ACCREDITATION

**Canadian Building Envelope Science and Technology  
CAN-BEST TESTING LABORATORY  
38 Regan Road, Unit 4  
Brampton, ON  
L7A 1C6**

Accredited Laboratory No. 222  
(Conforms with requirements of CAN-P-4E (ISO/IEC 17025:2005))

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CLIENTS SERVED: All interested parties

FIELDS OF TESTING: Mechanical/Physical, Thermal & Fire Resistance

ISSUED ON: 2009-11-02

VALID TO: 2013-11-27

### **CONSTRUCTION**

#### **Building Constructions and Prefabricated Buildings**

ASTM C 1201	Structural Performance of Exterior Dimension Stone Cladding Systems by Uniform Static Air Pressure Difference
ASTM C 1363	Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by means of a Hot Box Apparatus.
ASTM E 1155	Floor, Determining FF Floor Flatness and FL Floor Levelness Numbers
ASTM E 1186	Air Leakage Site Detection in Building Envelopes
ASTM E 1554	Determining External Air Leakage of Air Distribution Systems by Fan Depressurization

ASTM E 1592	Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference
ASTM E 1646	Water Penetration of Exterior Metal Roof Panel Systems by Uniform Static Air Pressure Difference
ASTM E 1677	Air Retarder (AR) Material or System for Low-Rise Framed Building Walls
ASTM E 564	Static Load Test for Shear Resistance of Framed Walls for Buildings
ASTM E 779	Determining Air Leakage Rate by Fan Depressurization
ASTM E 894	Anchorage of Permanent Metal Railing Systems and Rails for Buildings
ASTM E 907	Field Testing Uplift Resistance of Adhered Membrane Roofing Systems
ASTM E 935	Performance of Permanent Metal Railing Systems and Rails for Buildings
ASTM E 936	Inspection of Roof Systems Assemblies Employing Steel Deck, Preformed Roof Insulation, and Bituminous Built-up Roofing Except for: ASTM D 3617 (Analysis of New Membranes)
ASTM E2178	Standard Test Method for Air Permeance of Building Materials
CAN-BEST TM N121	Method for Rating Water Vapour Transmission (Double Cup and Modified Inverted Cup Methods)
CAN-BEST TM N122	Method for Field Evaluation of Air Leakage in Building Envelope

### **Construction Materials**

(Excluding Textile Products)

#### **(Windows, Doors and Curtain Walls)**

ANSI Z97.1	Safety Performance Specifications and Methods of Test for Safety Glazing Materials used in Buildings
ASTM C 1048	Standard Specification for Heat-Treated Flat Glass Kind HS, Kind FT Coated and Uncoated Glass
ASTM C 1199 (with ASTM 1423)	Thermal Transmittance of Fenestration Systems Using Hot Box Methods
ASTM C 1382	Test Method for Determining Tensile Adhesion Properties of Sealants When Used in Exterior Insulation and Finish Systems (EIFS)
ASTM D 2105	Standard Test Method for Longitudinal Tensile Properties of Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Tube
ASTM D 2565	Standard Practice for Xenon Arc Exposure of Plastics Intended for Outdoor Applications
ASTM D 4073	Standard Test Method for Tensile-Tear Strength of Bituminous Roofing Membranes
ASTM D 4099	

	Windows, Poly[Vinyl Chloride] (PVC) Prime Windows/Sliding Glass Doors
ASTM D 4798	Standard Test Method for Accelerated Weathering Test Conditions and Procedures for Bituminous Materials (Xenon-Arc Method)
ASTM D 638	Standard Test Method for Tensile Properties of Plastics
ASTM D 897	Standard Test Method for Tensile Properties of Adhesive Bonds
ASTM E 1017	Generic Performance Requirements for Exterior Residential Window Assemblies
ASTM E 1105	Field Determination of Water Penetration of Installed Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference
ASTM E 1233	Structural Performance of Exterior Doors by Cyclic Static Air Pressure Differential
ASTM E 1423 (with ASTM 1199)	Steady State Thermal Transmittance of Fenestration Systems
ASTM E 1424	Air Leakage Resistance at a Specified Air Pressure and Temperature Differential
ASTM E 1886	Performance of Exterior Windows, Curtain Walls, Doors and Storm Shutters Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials
ASTM E 283	Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen
ASTM E 330	Structural Performance of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference
ASTM E 331	Water Penetration of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference
ASTM E 547	Water Penetration Resistance of Exterior Doors by Cyclic Static Air Pressure Differential
ASTM E 576	Frost Point of Sealed Insulating Glass Units
ASTM E 773	Accelerated Weathering of Sealed Insulating Glass Units
ASTM E 783	Field Measurement of Air Leakage Through Installed Exterior Windows and Doors
ASTM E 96	Standard Test Methods for Water Vapour Transmission of Materials
ASTM E 987	Standard Test Methods for Deglazing Force of Fenestration Products
ASTM E 997	Structural Performance of Glass in Exterior Windows, Curtain Walls and Doors Under the Influence of Uniform Static Loads by Destructive Methods
ASTM E 998	Structural Performance of Glass in Exterior Windows, Curtain Walls and Doors Under the Influence of Uniform Static Loads by Nondestructive Methods
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 E2273	Standard Test Method for Determining the Drainage Efficiency of Exterior Insulation and Finish Systems (EIFS) Clad Wall Assemblies
ASTM F 1233	Resistance to Forced Entry of Security Glazing Systems, Non Ballistic Testing Only
ASTM F 476	Resistance to Forced Entry of Swinging Door Assemblies
ASTM F 588	Resistance to Forced Entry of Window Assemblies
ASTM F 842	Resistance to Forced Entry of Horizontal Sliding Door Assemblies
ASTM G 155	Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials
CAN/CGSB-63.14	Skylights, Plastic
CAN/CGSB-82.1	Doors, Sliding
CAN/CGSB-82.5	Doors, Insulated Steel
CGSB 82-GP-3M	Door, Aluminum, Combination Storm and Screen
CGSB 82-GP-4M	Door, Steel, Combination Storm and Screen
CGSB CAN2-12.1	Glass, Safety, Tempered or Laminated
CGSB CAN2-12.2	Glass, Sheet, Flat, Clear
CGSB CAN2-12.8	Insulating Glass Units Paragraph 3.6.3 "Argon Gas Concentration - GC Method"
CGSB CAN2-12.9	Glass, Spandrel
CSA A-440	Windows
CSA A-440.2	Energy Performance Evaluation of Windows and Sliding Glass Doors 5.3 Determination of U-Value by Calculation (Simulation) Only for: 5.2 Determination of U-Value by Measurement 5.3 Determination of U-Value by Calculation (Simulation)

**Notes:**

***CAN-P-4E (ISO/IEC 17025):*** General Requirements for the Competence of Testing and Calibration Laboratories (ISO/IEC 17025-2005)

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S. Cross, Director, Conformity Assessment

Date: 2009-11-02

Number of Scope Listings: 66

SCC 1003-15/226

Partner File #0

Partner: None