

Fenestration Evaluation Services



Insulating Glass Units

Comprehensive insulating-glass testing services offered at competitive North American prices.

Canada:

- CAN/CGSB 12.8 Insulating Glass Units

United States:

- ASTM E773 / E774 Standard Test Method for Accelerated Weathering of Sealed Insulating Glass Units

North America:

- Harmonized Standard ASTM E2189 ,E2190 Gas fill levels and Low-E Verification

Safety Glass

- We also conduct testing of glass / safety glass products according to CAN / CGSB, British and ANSI Standards.

Windows and Doors

A complete range of laboratory tests are available to ensure that window and door products meet Canadian, American and Japanese Standards. Some of the most commonly requested tests include:

Canada:

- CAN/CSA-A440 Windows Standard
- CGSB 82.1 Sliding Doors and CGSB 82.5 Insulated Steel Doors.

United States:

- AAMA/NWWDA-101.S.2 Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors

North America:

- North American Fenestration Standard
- (NAFS-1) Computer Simulations using FRAMEplus for Determining U-values, SHGC, light transmission, and energy rating to align with Energy Star Program

Japan:

- Japanese Industry Standards (JIS)
- Compliance Testing

Field Inspection and Testing

Field tests for air leakage and water penetration (ASTM E783 and ASTM E1105)

- Infrared Thermography Surveys
- Dewpoint determination
- Argon fill levels
- Independent Failure Inspections & Analysis

**Testing
Advising
Assuring**

1.866.263.9268
sales@exova.com
www.exova.com