



Architectural Testing

**AAMA/NWWDA 101/I.S.2-97
TEST REPORT**

Rendered to:

ALUMIL USA, INC.

**SERIES/MODEL: M11000 Alutherm
TYPE: Aluminum In-swing Casement**

Title	Summary of Results
AAMA Rating	C-AW70 48 x 72
Air Infiltration	0.1 cfm/ft ²
Water Resistance Test Pressure	15.0 psf
Uniform Load Deflection Test Pressure	±70.0 psf
Uniform Load Structural Test Pressure	±105.0 psf
Forced Entry Resistance	Grade 10

Reference should be made to ATI Report No. 01-45119.02 for complete test specimen description and data.



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ALUMIL USA, INC.
262 East 3rd Street
Mt. Vernon, New York 10553

Report No: 01-45119.02
Test Dates: 06/03/03
Through: 06/06/03
Report Date: 06/20/03
Expiration Date: 06/06/07

Project Summary: Architectural Testing, Inc. (ATI) was contracted by Alumil S.A. and Alumil USA, Inc. to perform tests on a Model M11000, aluminum casement window. The sample tested successfully met the performance requirements for a C-AW70 48 x 72 rating.

Test Specification: The test specimen was evaluated in accordance with the following:

AAMA/NWWDA 101/I.S.2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.*

AAMA/NWWDA 910-93, *Voluntary "Life Cycle" Specifications and Test Methods for Architectural Grade Windows and Sliding Glass Doors.*

Test Specimen Description:

Model: M11000 Alutherm

Type: Aluminum In-Swing Casement Window

Overall Size: 4' 0" wide by 6' 0" high

Vent Size: 3' 9-3/4" wide by 5' 9-3/4" high

Finish: All aluminum was mill finish.

Glazing Details: The glazing consisted of a 1" thick sealed insulating glass unit fabricated from two sheets of 1/4" thick, clear annealed glass and a desiccant-filled metal spacer system. The glass was channel glazed from the exterior onto an EPDM gasket and secured using snap-fit aluminum glazing beads with an EPDM seal. One #10 x 1-1/2" screw located at the midspan of each glazing bead was utilized to further secure the glazing beads.