



Testing Evaluation Laboratories, Inc.

2002 Wood Court Suite 1 – Plant City, FL 33563
Phone: 813-754-9887 Fax: 813-754-9989

AAMA/NWWDA 101/I.S.2-97

TEST REPORT SUMMARY

Test Report Issued To:

EAGLE WINDOW & DOOR, INC.

**Series 05 Ascent 6'0 x 8'0 Sliding Clad Doors with 3'0 x 8'0 Fixed Door
SGD-C60 112 x 96 Rating**

Title of Test	Results
Overall Design	+ 60.0 psf – 65.0 psf
Operating Force	12 lbs. Max
Air Infiltration	0.02 scfm/ft²
Water resistance	9.0 psf
Structural Test Pressure	+ 90.0 psf – 97.5 psf
Deglazing	Pass
Forced Entry Resistance	Grade 10

Reference should be made to Report No. TEL 07-0112-2 for complete test specimen description and data. For corresponding data regarding ASTM E1886 and ASTM E1996 reference should be made to Report No. TEL 07-0112-2-IC.



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

Issued to:

EAGLE WINDOW & DOOR, INC.

375 East 9th Street

Dubuque, IA 52001-1072

IAS Lab Certification Number: TL-299

Report No: TEL 07-0112-2

Test Date: April 20, 2006

Report Issue Date: May 5, 2007

Report Expiration Date: April 20, 2010

Project Summary: Testing Evaluation Laboratories, Inc. (TEL) was contracted to perform tests on an Eagle Series 05 Ascent 6'0 x 8'0 Sliding Clad Doors with 3'0 x 8'0 Fixed Door at TEL's Plant City, FL test facility. The sample tested successfully met the performance requirements for an SGD-C60 148 x 96 rating.

Test specimen description and results are reported herein.

Test Specifications: 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.

Test Specimen Description:

Series / Model: Series 05 Ascent 6'0 x 8'0 Sliding Clad Doors with 3'0 x 8'0 Fixed Door

Type: Aluminum Clad Sliding Glass Doors (OXO)

Overall Size: 9'4" wide x 8'-1/4" high

Panel Size: Door Panels 3'1-13/16" wide x 7'8-7/8" high
Fixed Sidelite Panel 3' 0-3/8" wide x 7'8-7/8" high

Daylight Opening: Door Panels 2' 3-13/16" x 6'8-3/16"
Fixed Sidelite Panel 2'3-13/16" x 6'8-3/16"

Screen Size: 3'0" wide x 7'10-11/16" high

Glazing Details: 13/32" Annealed Laminated Glass by Cardinal – 0.562" Glass Bite – Interlayer-0.090" SentryGlas Plus by DuPont

For Tested Elevation, Vertical Cross Sections, Horizontal Cross Sections, Components, Frame Anchoring, Glazing Detail and Bill of Materials See Attached Drawing # L2655.

Test Results: Continued

The test results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test – Test Method</u>	<u>Results</u>	<u>Allowed</u>
Optional Performance			
4.3	Water Resistance per ASTM E547 (with & without screen) 9.0 psf	No Leakage	No Leakage
4.4.1	Uniform Load Deflection per ASTM E330		
	@ 60.0 psf (positive) (30 second load)	Location M1 0.381"	See Note #3
	@ 65.0 psf (negative) (30 second load)	Location M1 0.491"	See Note #3
Note #3:	<i>The deflections reported are not limited by AAMA/NWWDA 101/I.S.2-97 for this product designation. The deflection data is recorded in this report for special code compliance and information only (see drawing no. DEF-1001 SGD for deflection locations).</i>		
4.4.2	Uniform Load Structural per ASTM E330		
	@ 90.0 psf (positive) (30 second load)	Location M1 0.229" Location 1 0.203"	0.381" 0.371"
	@ 97.5 psf (negative) (30 second load)	Location M1 0.223" Location 1 0.208"	0.381" 0.371"
Note #4:	<i>See drawing no. DEF-1001 SGD for permanent set recording locations.</i>		
Note #5:	<i>This report is not complete without the inclusion of drawing no. L-2655W sheets 1 through 19 and drawing no. DEF-1001 SGD.</i>		

Conditions, Terms, and General Notes Regarding These Tests

The product tested **Has Been** compared to the detailed drawing, bill of materials and fabrication information supplied by the client so named herein. Our analysis, which includes dimensional and component description comparisons, indicate the tested product and engineering information supplied by the client **"Are Equivalent"**.

The report and representative samples will be retained for four years from the date of initial test.

These test results were obtained by employing all requirements of the designated test methods with no Deviations unless explicitly noted in test report. The test results and specimen supplied for testing are in compliance with the reference.

The test results are specific to the product tested by this laboratory and of the sample supplied by the client named herein, and they relate to no other product either manufactured by the client, a fabricator of the client or of the client or of installed field performance.

This test report does not constitute certification of this product, but only that the above test results were obtained using the designated test methods and they indicate compliance with the performance requirements (paragraphs as listed) of the above referenced specifications.


Testing Evaluation Laboratories, Inc. makes no opinions or endorsements regarding this product and its performance. This report may not be reproduced or quoted in partial form without the expressed written approval of Testing Evaluation Laboratories, Inc.

Testing Evaluation Laboratories, Inc.'s letter, reports, its name or insignia or mark are for the exclusive use of the client so named herein and any other use is strictly prohibited. The report, letters and the name of Testing Evaluation Laboratories, Inc., its seal or mark shall not be used in any circumstance to the general public or in any advertising.

Limitation of liability: Due diligence was used in performing the tests and reporting the results. By acceptance of this report, this client agrees to hold harmless and indemnify Testing Evaluation Laboratories, Inc., its employees and officers and owners against all claims and demands of any kind whatsoever, which arise out of or in any manner connected with the performance of work referred to herein.

Testing Evaluation Laboratories, Inc.


Vivian K. Wright,
President


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Florida P.E. # 54158
5-5-07