

PERFORMANCE TEST SUMMARY

Rendered to:

WEILAND® SLIDING DOORS AND WINDOWS, INC.

SERIES/MODEL: Aluminum Wood Liftslide (AWLS)

PRODUCT TYPE: PXXX-XO Wood Clad Aluminum Lift and Slide Door

Project Summary: Architectural Testing, Inc. was contracted by Weiland Sliding Doors and Windows, Inc. to perform testing on a Series/Model: PXXX-XO 16' Sliding Glass Door at the Architectural Testing, Inc. test facility in Fresno, California. Test specimen results are reported herein. The sample was provided by the client.

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

ASTM E 283-04, Test Method for Determining Rate of Airflow Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen.

ASTM E 330-02, Test Method for Structural Performance of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference.

ASTM E 331-00, Test Method for Water Penetration of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference.

ASTM E 2068-00, Standard Test Method to Determine the Operating and Breakaway Forces of Sliding Windows and Doors.

Test Specimen Description:

Series/Model: 16' PXXX-XO

Product Type: Sliding Glass Door

Overall Size: 23' 10-1/4" wide by 16' 0" high

Interlock Panel Size: 4' 6-5/8" wide by 15' 7-1/4" high

Pocket Panel Size: 4' 6-1/16" wide by 15' 7-1/4" high

Lock Panel Size: 4' 6-5/8" wide by 15' 7-1/4" high

Test Results: The temperature during testing was 85°F. The results are tabulated as follows:

<u>Test Method</u>	<u>Title of Test</u>	<u>Results</u>
ASTM E 2068	Operating Force Initiate motion Maintain motion	34 lbf max. 25 lbf max.
ASTM E 283	Air Infiltration 1.60 psf (25 mph) 6.27 psf (50 mph)	0.04 cfm/ft ² 0.13 cfm/ft ²
ASTM E 331	Water Resistance (without screen) 2.92 psf	No leakage
ASTM E 330	Uniform Load Deflection (Deflections reported were taken on the meeting stile) (Loads were held for 10 seconds) 15.04 psf (positive) 15.04 psf (negative)	1.75" 2.93"
ASTM E 330	Uniform Load Structural (Permanent sets reported were taken on the meeting stile) (Loads were held for 10 seconds) 22.56 psf (positive) 22.56 psf (negative)	0.02" 0.05"

Results obtained are tested values and were secured by using the designated test methods. No conclusions of any kind regarding the adequacy or inadequacy of the glass in the test specimen can be made. This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. It is the exclusive property of the client so named herein and relates only to the specimen(s) tested. This report may not be reproduced, except in full, without the written approval of Architectural Testing, Inc.

For ARCHITECTURAL TESTING, INC:

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