



TAS 201, TAS 202, AND TAS 203 TEST REPORT

Report No.: F2857.01-301-18

Rendered to:

WEILAND® SLIDING DOORS AND WINDOWS, INC.
Oceanside, California

PRODUCT TYPE: PXXX-XXO Wood Clad Aluminum Lift and Slide Door
SERIES/MODEL: Aluminum Wood Liftslide (AWLS)

This report contains in its entirety:

- Cover Page:** 1 page
- Report Body:** 13 pages
- Sketches:** 1 page
- Drawings:** 31 pages
- DADE Test Plan:** 1 page



Tyler Westerling
Digitally Signed by: Tyler Westerling

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Test Start Date: 11/18/2015
Test End Date: 11/19/2015
Report Date: 1/6/2016
Revision 2 Date: 4/1/2016
Test Record Retention End Date: 11/19/2025

1.0 Client Identification:

1.1 Report Issued To: Weiland Sliding Doors and Windows, Inc.
2601 Industry Street
Oceanside, California 92054

1.2 Contact Person: Sue Weiland

2.0 Test Laboratory: Architectural Testing, Inc.
2524 E. Jensen Ave.
Fresno, California 93706

2.1 Laboratory Phone Number: 559-233-8705

3.0 Project Summary:

3.1 Introduction: Architectural Testing, Inc. was contracted by Weiland Sliding Doors and Windows, Inc. to conduct TAS 201, TAS 202, and TAS 203 testing on their Aluminum Wood Liftslide (AWLS), PXXX-XXO Wood Clad Aluminum Lift and Slide Door in accordance with Florida Building Code for High Velocity Hurricane Zone requirements. The six specimens tested met the performance requirements set forth in the protocols. The results are summarized in Table 1.

Table 1: Summary of Test Results

Specimen #	Test Protocol	Design Pressure
1 (PXXX-XXO)	TAS 202 Structural Only	+80 / -80 psf
2 (PXXX-XXO)	TAS 201 / 203 (Large Missile)	+80 / -80 psf

3.2 Product Type: PXXX-XXO Wood Clad Aluminum Lift and Slide Door

3.3 Series/Model: Aluminum Wood Liftslide (AWLS)

3.4 Test Dates: 11/18/2015 – 11/19/2015

3.5 Test Record Retention End Date: 11/19/2025

3.6 Test Location: Architectural Testing, Inc. test facility in Fresno, California.

3.7 Test Specimen Source: The test specimen was provided by the client. Representative samples of the test specimen will be retained by Architectural Testing for a minimum of ten years from the report completion date.

3.0 Project Summary: (Continued)

3.8 Drawing Reference: The test specimen drawings have been reviewed by Intertek-ATI and are representative of the test specimen(s) reported herein. Test specimen construction was verified by Intertek-ATI per the drawings located in Appendix B. Any deviations are documented herein and on the drawings.

3.9 List of Official Observers:

<u>Name</u>	<u>Company</u>
John Flynn	Weiland Sliding Doors and Windows, Inc.
Leaton Kirk	Architectural Testing, Inc.
Tyler Westerling, P.E.	Architectural Testing, Inc.
Dennis Janzen	Architectural Testing, Inc.

4.0 Test Protocols:

TAS 201-94, *Impact Test Procedures*

TAS 202-94, *Criteria for Testing Impact & Non Impact Resistant Building Envelope Components Using Uniform Static Air Pressure*

TAS 203-94, *Criteria for Testing Products Subject to Cyclic Wind Pressure Loading*

5.0 Test Specimen Description:

5.1 Product Sizes: Table 1 provides product sizes for the overall test specimen and operable components.

Table 1: Overall Specimen and Operable Component Sizes

	Width (in.)	Height (in.)
Overall Size (PXXX-XXO) Overall Area: 244 ft ²	352-1/2	99-7/8
Panel	60	96
Daylight Opening (full panel)	53	89
Daylight Opening (half panel)	53	43