

10.00 PSF Water Performance was obtained with the High Water Sill.

TESTED FOR

Fleetwood Aluminum Products
2485 Railroad Street
Corona, CA 91720

Report No. : A95D-206
Date : November 7, 1995
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1.0 PURPOSE

The purpose of this report is to present the testing methods employed and test results obtain during the performance testing of one (1) **Aluminum Sliding Glass Door** described in paragraph 4.0 of this report.

2.0 TEST REFERENCES

2.1 American National Standards Institute Specifications ANSI/AAMA 101-93: **SGD-HC65**.

3.0 SUMMARY

The test results in paragraph 5.0 indicate that the test sample described in paragraph 4.0 of this report complied with the performance requirements of the above referenced specifications.

4.0 SAMPLE SUBMITTED

SERIES: Norwood 3000 Sliding Glass Door

CONFIGURATION: OXO Inside Slide

FRAME SIZE: 181.00" x 95.50"

SLIDING PANEL SIZE: 61.50" x 93.75"

FIXED PANEL SIZES: 59.75" x 93.75"
58.87" x 93.75"

GLASS: All of the panels contained 1" overall insulated glass with 1/4" tempered on both sides.

GLAZING: All panels were channel glazed with a vinyl gasket and all of the glazing corners were sealed from the interior and exterior with silicone.

WEEPAGE: None.

WEATHERING: 1) .260" overall polypile with a flush center fin applied as follows:

WEATHERING:

- a) Full length on sill facing out.
- b) Full length on head sliding track facing in and out.
- c) Head fixed track facing in and out.
- 2) Fixed jambs, and intermediate jamb, on fixed side, contained two-finger vinyl.
- 3) Intermediate jamb, on sliding panel side, contained .240" overall Q-lon facing in and out.
- 4) Interlocks contained .260" overall polypile.
- 5) Fixed panel with interlock contained a 4" long air barrier with a polypile strip at each end.
- 6) Bottom rail of sliding panel on underside contained a sweep vinyl.

HARDWARE:

end.

- 1) Sliding bottom rail contained an adjustable tandem steel roller at each end.
- 2) Leadstile contained a recessed steel hook lock. When locked, the steel hook engaged a steel reinforced slot in the intermediate jamb.

CONSTRUCTION:

- 1) All frame and panel corners were mechanically joined with screws.
- 2) Intermediate jamb and fixed interlock were clipped to the frame at each end with an aluminum angle clip. Each clip leg was fastened with a pair of #10 x 3/4" screws.
- 3) From the inside the fixed panels were fastened to the frame jambs and intermediate jamb with one #8 screw at the lower end.
- 4) Sill block fastened to sill, under fixed interlock, with #10 screw, and interlock fastened to sill with one #10 screw.

CAULKING:

- 1) Frame to rough opening full perimeter in and out.
- 2) All corners caulked with seam sill, intermediate jamb caulked full profile, top and bottom, to frame.
- 3) Anchor screws.
- 4) Sill adapter full length.

ANCHORING:

screws

The frame was fastened into the 2" x 8" wood rough opening with pairs of equally spaced across the four sides.

5.0 TEST PROCEDURES AND RESULTS

5.1 All testing procedures were performed in accordance with the performance requirements of the test specifications referenced in paragraph 2.0 of this report.

5.2 TEST RESULTS
PARAGRAPH
ALLOWED

	<u>TEST DESCRIPTION</u>	<u>MEASURED</u>
2.1.2	Air Infiltration (ASTM E 283-91) 6.24 PSF	0.32 CFM/FT ² 0.37 CFM/FT ²
2.1.3	Water Penetration (ASTM E 331-86 & 547-86) 10.0 PSF with/without screens With sill extension part no. 03056.	No Leakage No Leakage
2.1.4	Uniform Load Structural (ASTM E 330-90) 97.5 PSF POS 97.5 PSF NEG	+0.03" Set - 0.03" Set 0.38" Set 0.38" Set
2.2.9.5.1	Operating Force Breakaway Motion	35 lbf. 18 lbf. 40 lbf. 25 lbf.
2.2.9.5.2	Deglazing (ASTM E 987-88) 70 lbf. Stiles 50 lbf. Rails	Passed Passed Passed

For a complete description of the tested sample refer to the attached cross section drawings.

Assembly and die drawings of frame members are on file and have been compared to the sample submitted. Test sample sections, drawings, and a copy of this report will be retained at the test laboratory for four years.

The above results were obtained by using the applicable ASTM Test Methods. This report does not constitute Certification of this product. Certification can only be granted by an approved Administrator/Validator.

Testing Completed: November 7, 1995
Report Completed: November 7, 1995

Pete Cruz
Test Engineer