



PRODUCT PERFORMANCE TEST REPORT

FOR: Andersen Corporation
100 Fourth Avenue North
Bayport, Minnesota 55003

REPORT NO.: B7825.03-201-47
TEST DATE: 03/13/12
REPORT DATE: 04/12/12
TEST RECORD RETENTION DATE: 03/13/16

PRODUCT TESTED: A-Series Casement Window/ACW2826 IG

TEST METHODS: AAMA/WDMA/CSA 101/I.S.2/A440-05 and A440-08
Air Infiltration per ASTM E 283
Water Penetration per ASTM E 547
Uniform Load Structural per ASTM E330
Forced Entry Resistance per ASTM F 588

RATINGS: LC-50 795 x 743 (31 x 29)-C DP +50/-50, LC-70 795 x 743 (31 x 29)-C DP +70/-70 and Class LC-PG50 Size Tested 31.3 x 29.33 in. DP +50/-50, Class LC-PG70 Size Tested 31.3 x 29.33 in. DP +70/-70*
*Reference Architectural Testing, Inc. Report No. B7828.01-201-47, dated 04/10/12 for complete *Gateway* test specimen description and test results.

RESULTS:

<u>TEST</u>	<u>RESULTS</u>	<u>ALLOWED</u>
Air Infiltration @ 75 Pa (1.57 psf)	0.1 L/s/m ² (0.07 cfm/ft ²)	1.50 L/s/m ² (0.30 cfm/ft ²)
Water Penetration @ 510 Pa (10.5 psf)	No Leakage	No Leakage
Structural Performance - Top rail @ +3600 Pa (+75.00 psf) @ -3600 Pa (-75.00 psf)	Nail flange <0.3 mm (<0.01") <0.3 mm (<0.01")	0.4% L = 3.3 mm (0.13") 0.4% L = 3.3 mm (0.13")
Structural Performance - Top rail @ +5040 Pa (+105.00 psf) @ -5040 Pa (-105.00 psf)	Jamb screws <0.3 mm (<0.01") <0.3 mm (<0.01")	0.4% L = 3.3 mm (0.13") 0.4% L = 3.3 mm (0.13")

REFERENCE: See ATI Report No. B7825.01-201-44 for complete test results. Reference Architectural Testing, Inc. Report No. B7828.01-201-47, dated 04/10/12 for complete *Gateway* test specimen description and test results

A copy of this report will be retained by ATI for a period of four years. This report is the exclusive property of the client so named herein and is applicable to the sample tested. Results obtained are tested values and do not constitute an opinion or endorsement by this laboratory.

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