Architectural Testing

PRODUCT PERFORMANCE TEST REPORT

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

REPORT NO.: B7822.03-201-44
TEST DATE: 03/13/12
REPORT DATE: 04/12/12
TEST RECORD RETENTION DATE: 03/13/16

PRODUCT TESTED: A-Series Frenchwood Sidelight Transom Direct Set/FWSTDS 1724 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-70 457 x 689 (18 x 27)-C DP +70/-70 and Class LC-PG70 Size Tested 18.3 x 27.3 in. DP +70/-70*
*Reference Architectural Testing, Inc. Report No. B7820.01-201-44, dated 03/14/12 for complete Gateway test specimen description and test results.

RESULTS:

TEST	RESULTS	ALLOWED
Air Infiltration @ 75 Pa (1.57 psf)	<0.1 L/s/m² (<0.01 cfm/ft²)	1.50 L/s/m² (0.30 cfm/ft²)
Water Penetration @ 510 Pa (10.5 psf)	No Leakage	No Leakage
Structural Performance - bottom rail	With nail flange	
@ +5040 Pa (+105.00 psf)	<0.3 mm (<0.01")	0.4% L = 1.8 mm (0.07")
@ -5040 Pa (-105.00 psf)	<0.3 mm (<0.01")	0.4% L = 1.8 mm (0.07")
Structural Performance - bottom rail	Without nail flange	
@ +5040 Pa (+105.00 psf)	<0.3 mm (<0.01")	0.4% L = 1.8 mm (0.07")
@ -5040 Pa (-105.00 psf)	<0.3 mm (<0.01")	0.4% L = 1.8 mm (0.07")

REFERENCE: See ATI Report No. B7822.01-201-44 for complete 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.

ARCHITECTURAL TESTING, INC

Digitally Signed by: Anthony Gavin

Tony D. Gavin
Technician

ARCHITECTURAL TESTING, INC

Digitally Signed by: Daniel A. Johnson

Daniel A. Johnson
Director - Regional Operations

849 Western Avenue North
St. Paul, MN 55117
phone: 651-636-3835
fax: 651-636-3843
www.archtest.com