

## PRODUCT PERFORMANCE TEST REPORT

**FOR:** Andersen Corporation REPORT NO.: C0252.04-201-47

100 Fourth Avenue NorthTEST DATE:06/05/12Bayport, Minnesota 55003REPORT DATE:07/24/12

TEST RECORD RETENTION DATE: 07/17/16

**PRODUCT TESTED:** 400 Series Casement Window/CXW16S 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:** Standard: Class R-PG50 Size Tested 35.9 x 71.9 in., FW-R50 913 x 1826 mm (35 x 71 in.)

DPUP: Class R-PG70 Size Tested 35.9 x 71.9 in., FW-R70 913 x 1826 mm (35 x 71 in.)

**RESULTS:** 

TEST RESULTS ALLOWED

Air Infiltration

@ 75 Pa (1.57 psf) 0.30 L/s/m<sup>2</sup>  $(0.06 \text{ cfm/ft}^2)$  1.50 L/s/m<sup>2</sup>  $(0.30 \text{ cfm/ft}^2)$ 

Water Penetration

@ 510 Pa (10.5 psf) No Leakage No Leakage

Structural Performance

Bottom rail, Standard product

Structural Performance Bottom rail, DPUP product

@ +5040 Pa (+105.0 psf) <0.3 mm (<0.01") 0.4% L = 1.3 mm (0.05")

@ -5040 Pa (-105.0 psf) < 0.3 mm (<0.01") 0.4% L = 1.3 mm (0.05")

REFERENCE: See ATI Report No. C0252.01-201-47 and C0252.02-201-47 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.

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