

TEST REPORT FOR VPI QUALITY WINDOWS

Report No.: Q0679.01-901-44 R0

Date: 08/16/23

REPORT ISSUED TO

VPI QUALITY WINDOWS

3420 E. Ferry Avenue

Spokane, WA 99202

SECTION 1

SCOPE

Architectural Testing, Inc. (an Intertek company) dba Intertek Building & Construction (B&C) was contracted by VPI Quality Windows to perform testing in accordance with AAMA/WDMA/CSA 101/I.S.2/A440 on their ID 449 - 591 Endurance PP-PP (Fixed) - 82" x 111". Results obtained are tested values and were secured by using the designated test method(s). Testing was conducted at the Intertek B&C test facility in Kent, WA.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. Intertek B&C will service this report for the entire test record retention period. The test record retention period ends four years after the test date. Test records, such as detailed drawings, datasheets, representative samples of test specimens, or other pertinent project documentation, will be retained for the entire test record retention period.

Unless differently required, Intertek reports apply the "Simple Acceptance" rule, also called "Shared Risk approach," of ILAC-G8:09/2019, Guidelines on Decision Rules and Statements of Conformity.

For INTERTEK B&C:

COMPLETED BY:	Rachel Pankaskie	REVIEWED BY:	Arbind Raj, FMPC
TITLE:	Project Coordinator	TITLE:	Technical Lead
SIGNATURE:		SIGNATURE:	
DATE:	08/16/23	DATE:	08/16/23

RP/TS/BP:pac

Digitally Signed by: Arbind Raj

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SECTION 2

SUMMARY OF TEST RESULTS

TITLE	RESULTS
AAMA/WDMA/CSA 101/I.S.2/A440-22	Class LC-PG35 Size Tested 2083 x 2819 mm (82 x 111 in) – Type FW
Design Pressure	±1680 Pa (±35.09 psf)
Air Infiltration	0.1 L/s/m ² (0.01 cfm/ft ²)
Air Exfiltration	0.5 L/s/m ² (0.02 cfm/ft ²)
Canadian Air Infiltration/Exfiltration Level	Fixed
Water Penetration Resistance Test Pressure	720 Pa (15.04 psf)

Reference must be made to Intertek B&C Report No. Q0679.01-901-44 R0, dated 08/16/23 for complete test specimen description and detailed test results.

SECTION 3

TEST SPECIFICATION(S)/METHOD(S)

The specimen was evaluated in accordance with the following:

AAMA/WDMA/CSA 101/I.S.2/A440-22- *North American Fenestration Standard/Specification for Windows, Doors, and Skylights*

The following test methods were used during testing:

ASTM E283/E283M-19, *Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Skylights, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen*

ASTM E330/E330M-14(2021), *Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference*

ASTM E331-00(2023), *Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference*

ASTM E547-00(2016), *Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference*

ASTM F588-17, *Standard Test Methods for Measuring the Forced Entry Resistance of Window Assemblies, Excluding Glazing Impact*