

## TEST REPORT FOR VPI QUALITY WINDOWS

Report No.: N4290.01-901-44 R1

Date: 09/01/22

### REPORT ISSUED TO

#### VPI QUALITY WINDOWS

3420 E. Ferry Avenue

Spokane, WA 99202

### SECTION 1


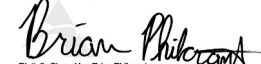
#### SCOPE

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/A440-17 on their ID 359 - Endurance - Casement - CPC-AT - 114 x 84. 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 ten 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:

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<b>SIGNATURE:</b>	 <small>Digitally Signed by: Ryan Ignacio</small>	<b>SIGNATURE:</b>	 <small>Digitally Signed by: Brian Philcrantz</small>
<b>DATE:</b>	09/01/22	<b>DATE:</b>	09/01/22

RP/RI/BP:pac

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**SECTION 2**

**SUMMARY OF TEST RESULTS**

TITLE	RESULTS
AAMA/WDMA/CSA 101/I.S.2/A440-17	Class CW – PG40 Size Tested 2899 x 2134 mm (114-1/8 x 84 in*) – Type C
Design Pressure	±1920 Pa (±40.10 psf)
Air Infiltration	0.3 L/s/m <sup>2</sup> (0.05 cfm/ft <sup>2</sup> )
Air Exfiltration	0.2 L/s/m <sup>2</sup> (0.04 cfm/ft <sup>2</sup> )
Canadian Air Infiltration/Exfiltration Level	A3
Water Penetration Resistance Test Pressure	720 Pa (15.04 psf)

Reference must be made to Intertek B&C Report No. N4290.01-901-44 R0, dated 09/01/22 for complete test specimen description and detailed test results.

\*Reference Intertek B&C Report No. M0554.01-901-44 R0, dated 04/28/21 for complete *Gateway* test specimen description and test results.

**SECTION 3**

**TEST SPECIFICATION(S)/METHOD(S)**

The specimens were evaluated in accordance with the following:

**AAMA/WDMA/CSA 101/I.S.2/A440-17** - *North American Fenestration Standard/Specification for Windows, Doors, and Skylights*

The following test methods were used during testing:

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

**ASTM E330/E330M-14(21)**, *Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference*

**ASTM E331-00(2016)**, *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 E987-88(2017)**, *Standard Test Methods for Deglazing Force of Fenestration Products*

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