

## TEST REPORT FOR VPI QUALITY WINDOWS

Report No.: P9858.01-901-44 R0

Date: 06/15/23

### 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/A440-22 on their ID 446 - 511 Endurance AP-AUT (Picture Window) - 96" x 104". 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:

<b>COMPLETED BY:</b>	Rachel Pankaskie	<b>REVIEWED BY:</b>	Arbind Raj, FMPC
<b>TITLE:</b>	Project Coordinator	<b>TITLE:</b>	Technical Lead
<b>SIGNATURE:</b>		<b>SIGNATURE:</b>	
<b>DATE:</b>	06/15/23	<b>DATE:</b>	06/15/23

RP/TS/BP:pac

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample(s) tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

**TEST REPORT FOR VPI QUALITY WINDOWS**

Report No.: P9858.01-901-44 R0

Date: 06/15/23

**SECTION 2**

**SUMMARY OF TEST RESULTS**

TITLE	RESULTS
AAMA/WDMA/CSA 101/I.S.2/A440-22	Class LC-PG45 Size Tested 2438 x 2642 mm (96 x 104 in) – Type FW
Design Pressure	±2160 Pa (±45.11 psf)
Air Infiltration	<0.1 L/s/m <sup>2</sup> (<0.01 cfm/ft <sup>2</sup> )
Air Exfiltration	<0.1 L/s/m <sup>2</sup> (<0.01 cfm/ft <sup>2</sup> )
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. P9858.01-901-44 R0, dated 06/15/23 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 E283-19**, *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 F588-17**, *Standard Test Methods for Measuring the Forced Entry Resistance of Window Assemblies, Excluding Glazing Impact*