

TEST REPORT FOR VPI QUALITY WINDOWS

Report No.: P5529.01-901-44 R0

Date: 06/26/23

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/A440-17 on their ID 410 – 591 Endurance SH-SH-AT (Single Hung) – Nominal Size 96" x 106". 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, 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:	Dauda Sanoh	REVIEWED BY:	Arbind Raj, FMPC
TITLE:	Technician	TITLE:	Technical Lead
SIGNATURE:	 Digitally Signed by: Dauda Sanoh	SIGNATURE:	 Digitally Signed by: Arbind Raj
DATE:	06/26/23	DATE:	06/26/23

AR/DS:rp

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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 2438 x 2692 mm (96 x 106 in) – Type H
Design Pressure	±1680 Pa (±35.09 psf)
Air Infiltration	0.7 L/s/m ² (0.13 cfm/ft ²)
Air Exfiltration	0.6 L/s/m ² (0.12 cfm/ft ²)
Canadian Air Infiltration/Exfiltration Level	A2
Water Penetration Resistance Test Pressure	260 Pa (5.43 psf)

Reference must be made to Intertek B&C Report No. P5529.01-901-44 R0, dated 06/26/23 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 E987-88(2017), *Standard Test Methods for Deglazing Force of Fenestration Products*

ASTM E2068-00(2016), *Standard Test Method for Determination of Operating Force of Sliding Windows and Doors*

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