

# Test Report Summary

## 4000 Phantom Vent, Awning

AIR – WATER – STRUCTURAL – AUXILIARY TESTING



TEST RESULTS		
TEST DESCRIPTION	TEST METHOD	CW-PG70 NAFS-11
Test Unit Size:		60" X 36" [1524 x 914]
Air Infiltration	ASTM E283	0.2 cfm/ft <sup>2</sup> @ 6.27 psf [0.03 L/s•m <sup>2</sup> @ 300 Pa]
Air Exfiltration	ASTM E283	0.2 cfm/ft <sup>2</sup> @ 6.27 psf [0.03 L/s•m <sup>2</sup> @ 300 Pa]
Cyclic Water Penetration	ASTM E547	15 psf [720 Pa]
Structural Design Load	ASTM E330	+/- 70 psf [+/- 3.36 kPa]
Structural Overload	ASTM E330	+/- 105 psf [+/- 5.04 kPa]
Forced Entry Resistance	ASTM F588	Grade 40

TEST LAB	Element Mississauga, ON	Element Mississauga, ON
REPORT NUMBER	23-06-B0121-3N	23-06-B0121-1N RV1
TEST DATE	1/2/2024	1/2/2024
REPORT DATE	1/26/24	1/26/24

Test results and test methods listed below are from the test reports in the above table. Contact a Tubelite/Alumicor representative for complete test information.

Tim Fookes - Vice President of Engineering Tubelite/Alumicor

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#### **TEST METHODS**

**AAMA/WDMA/CSA 101/I.S.2/A440-17**

**AAMA/WDMA/CSA 101/I.S.2/A440S1-19**

**Air Infiltration/Exfiltration:** ASTM E283, *Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen.*

**Cyclic Static Water Penetration:** ASTM E547, *Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, Curtain Walls by Cyclic Static Air Pressure Difference.*

**Structural Design and Overload:** ASTM E330, *Standard Test Method for Structural Performance of Exterior Windows, Skylights and Curtain Walls by Uniform Static Air Pressure Difference.*

**Forced Entry:** ASTM F588, *Standard Test Methods for Measuring The Forced Entry Resistance of Window Assemblies, Excluding Glazing Impact.*