

Water/Structural Testing

Porch Windows Direct
Attn: Brandon Williamson
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Minneapolis, MN 55425

Date: April 8, 2025
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Report Number: ESP043898P.1

Water/Structural Testing of Xtend Porch Window 42 x 84”

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EAR-CONTROLLED DATA
INTRODUCTION:

This report presents the results of Screen testing per ASTM E547-00 (2016), ASTM E330-E330 M-14 (2021) Samples were received and tested at Element Des Moines on March 14th 2025.

SAMPLE DESCRIPTION:

Product Name	:	Xtend Porch Window
Product Type	:	Vinyl Glazed 3 Season Porch Windows
Series/Model #	:	4 Track/4 Sashes
Overall Frame Size	:	42" X 84"
Screen	:	Full
Frame Construction	:	Powder Coated Aluminum
Sash Construction	:	Powder Coated Aluminum
Glazing System	:	10 Gauge Clear Marine Grade Double Polished Vinyl
Screen Construction	:	<i>Phiffer BeterVue</i>
General Installation Description-Clip-Screw-Fin	:	Integral Flange
Installation Method	:	Install Screws fastened through nailing fin of extrusion into wooden enclosure.

EAR-CONTROLLED DATA**TEST RESULTS:**

Water Penetration Limited Water

SAMPLE	Pressure	Reported	Results
42 x 84	0	0	No Water Leakage

Structural Pressure was held for 10 seconds

SAMPLE	Pressure	Reported	MPH
42 x 84	60 psf	60 psf	153

CALIBRATED TEST EQUIPMENT:

- PT-162-018 - Spray Rack
- PT-162-050 - ATS System

Due Date - 06/18/2025

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DISPOSITION OF SAMPLES:

The sample will be disposed of as trash unless otherwise requested by client.

Respectfully submitted,



Richard B. Luna
Fenestration Manager
Fenestration Department