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Wind Load Testing on EXT 1350 Ultra Series

The Williams Brothers Corp of America
Attn: Marcus Williams
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Report: ESP044645P

ASTM E330/E330M-14(2021)
EXT 1350 Ultra Series Access Door

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EAR-CONTROLLED DATA

INTRODUCTION:

SAMPLE DESCRIPTION:
Product Name : EXT 1350 Ultra Series Access Door
Product Type : Access Door
Series/Model # : EXT 1350 Ultra Series
Overall Frame Size : 1340 x 1340 mm (52.75 x 52.75 inches)
Finish : Primed white baked anamel, paintable surface
Frame Construction: steel. 16 gauge door, 16 gauge trim.
Hinge: Continuous piano hinge.
Gasket: Double seal gasketing.
Latches: Paddle latch lock and slam catch and interior latch release.
General Installation Description-(4) Screws, Top, Bottom and both sides.
I**nstallation Method:** Screw Install

SUMMARY OF RESULTS

UNIFORM LOAD DEFLECTION TEST

Parameter	Units	Measured	Allowed Requirement
Maximum Test Load - Positive	Pa (PSF)	1680 (35.11)	1680 (35.11)
Duration	Seconds	10	10
Deflection Under Load Span of unsupported= N/A	mm (inches)	N/A	Reporting Only
Maximum Test Load - Negative	Pa (PSF)	1680 (35.11)	1680 (35.11)
Duration	Seconds	10	10
Deflection Under Load Span of unsupported= N/A	mm (inches)	N/A	Reporting Only
OVERALL PERFORMANCE	-----	PASS	No breakage or damage to unit

- **Approximately 117 MPH**

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TEST RESULTS:

UNIFORM LOAD STRUCTURAL TEST

Parameter	Units	Measured	Allowed Requirement
Maximum Test Load - Positive	Pa (PSF)	2520 (52.67)	2520 (52.67)
Duration	Seconds	10	10
Permanent Deformation Span of unsupported= N/A	mm (inches)	N/A	Reporting Only
Maximum Test Load - Negative	Pa (PSF)	2520 (52.67)	2520 (52.67)
Duration	Seconds	10	10
Permanent Deformation Span of unsupported= N/A	mm (inches)	N/A	Reporting Only
OVERALL PERFORMANCE	-----	PASS	No breakage or damage to unit

- **Approximately 144 MPH**

CALIBRATED TEST EQUIPMENT:
ATS System- PT-162-050 Calibration Due Date: 12/18/2025

Respectfully submitted,

Richard B. Luna
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