

Wind Load Testing on EXT 1350 Ultra Series

The Williams Brothers Corp of America
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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.

Installation 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

EAR-CONTROLLED DATA**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,

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