

Manufacturer:

Winco Window Co.
6200 Maple Ave.
St. Louis, MO 63130

Product Line:

1150 FX-FX – with Human Impact Sash (E-Missile)

Product Description:

Fixed Window.

Architectural Aluminum Window. The frame is made from 6063-T6 Aluminum.

Exterior E Missile Rated IGU:

1-7/16" Insulated glass outboard to inboard, consisting of:
(1/4" HS), (1/2" Air), (1/4" HS / 0.180" SGP / 1/4" HS).

Interior Human Impact Rated Blind Sash:

1/2" Polycarbonate

Compliance:

The above product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3.006. The product Herein complies with the Florida Building Code 8th Edition (2023).

Documentation:

1. Test Report No: QCT24-7277.01
Quast Consulting & Testing
Mosinee, WI
2. Test Report No: 180321
Mid America Testing Laboratory, Inc.
Catawissa, MO
3. Anchor Calculations prepared, signed, and sealed by Wayne Helmila, P.E.
Installation Drawings titled 1150 FX-FX – with Human Impact Sash (E-Missile), prepared, signed, and sealed by Wayne Helmila, P.E.

Codes & Limitations:

- | | |
|---|------------------------|
| 1. ASTM E330-14(2021) | +/- 80 psf |
| 2. ASTM E1886-19 | +/- 80 psf |
| 3. ASTM E1996-20 | 9# @ 80 ft/s |
| 4. ASTM E1300-16 | |
| 5. AAMA 501.8 | 2,000 ft-lb |
| 6. AAMA 450-20 | |
| 7. AAMA 506-16 | |
| 8. AAMA/WDMA/CSA 101/I.S.2/A440-17 | AW-PG80 1524 x 2515 mm |
| 9. Max. window size(s) | 53" x 83" |
| 10. Max. design pressure | +/- 80 Psf |
| 11. The product is <u>approved</u> for human impact loading. | |
| 12. The product is <u>approved</u> for large missile impact protection. | |
| 13. The product is <u>not approved</u> for use in HVHZ zones. | |
| 14. Units must be installed in accordance with manufacturer instructions. | |

Certificate of Independence:

I certify that I do not have nor will acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Additionally, I do not have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

Engineering Evaluation Report

RICE
ENGINEERING

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Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092



12/08/2024
COA: 9090

Wayne K Helmila

Digitally signed by Wayne K Helmila
DN: CN=Wayne K Helmila,
dnQualifier=A01410C0000018CDB8F4AFB001A652B,
O=Wilson, C=US
Date: 2024.12.08 18:33:17 -0600