TURNER
ENGINEERING &
CONSULTING, INC.

2428 Old Natchez Trace Trail
Camden, TN 38320
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Evaluation Report 3-4250i-LM-Awn
Jan. 4, 2024

Product Description: Series 3250i-4250i-HP-XLT Thermally Broken Aluminum Project-Out Awning Window, Large Missile Impact

Manufacturer: Wausau Window and Wall Systems, Wausau, WI

Statement of Compliance: This report evaluates the above-listed product per the requirements of FAC Product Approval Rule Chapter 61G20-3.005 (4). This product complies with the requirements of the 8th Edition (2023) Florida Building Code including the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

Technical Documentation:

1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc. Trl., Camden TN
2) Approval drawing 3-4250i-LM-Awn, signed and sealed by Lucas A. Turner, P.E.
3) Test Reports QCT 13-2892/3/4/5/6/7.01, from Quast Consulting and Testing, Mosinee, WI, signed and sealed by Brian Sasman, P.E., with testing performed: TAS 201/202/203-94
4) Supplemental Calculations to support 3-4250i-LM-Awn, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval documents 3-4250i-LM-Awn.

Limitations of Use: This product:

- May be used up to the sizes / configurations indicated in 3-4250i-LM-Awn
- Achieves design pressures, with glazing and interlayers types and thicknesses as indicated in 3-4250i-LM-Awn. Interlayers shall be in accordance with current applicable Miami-Dade NOAs; I have evaluated these interlayer materials and find that they comply with the requirements of the 8th Ed. (2023) Florida Building Code for use in this product.
- Is large and small missile impact resistant and does not require the use of shutters in windborne debris regions. See sheets 5 and 6 of 3-4250i-LM-Awn for details on glazing configurations for Missile Level D and for Missile Level E. Outboard lite must be tempered for small missile compliance.
- May be used in the High Velocity Hurricane Zone
- Requires thermally broken aluminum framing as indicated in 3-4250i-LM-Awn

Certification of Independence: I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in Wausau Window and Wall Systems, or in any company manufacturing or distributing products for which this report is being issued. I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in any other entity involved in the testing or approval process of this product.

Lucas Turner
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1/4/2024
Lucas A. Turner, P.E.
FL PE #58201