

Evaluation Report 663-SH-LM

October 11, 2023

Product Description: Series 663 Single Hung Window, HVHZ Impact

Manufacturer: EFCO, 1000 County Road, Monett, Missouri

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:

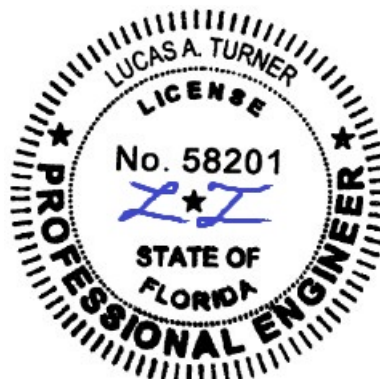
- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Installation drawing 663-SH-LM, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports 78023.01-801-18 and 87166.01-801-18, from ATI/Intertek, Southlake, TX, signed and sealed by Jeffrey Kaminski and Joseph Reed, respectively, with testing performed: TAS-201/202/203-94
- 4) Supplemental Calculations to support 663-SH-LM, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to installation drawing 663-SH-LM.

Limitations of Use: This product:

- May be used in the configurations and sizes with glazing as indicated in 663-SH-LM.
- Is large missile impact-resistant and does not require the use of impact protective devices.
- May be used in the High Velocity Hurricane Zone. In HVHZ, IG Glazing Types A, B, D, and E may only be used below 30 feet of grade. Single-pane laminated Glazing Type C may be used above or below 30 feet of grade.
- Requires Solutia PVB interlayer per current Miami-Dade NOA in Glass Types B, C, and D as indicated in 663-SH-LM. Requires Solutia Storm interlayer per current Miami-Dade NOA in Glass Types A and E as indicated in 663-SH-LM. 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.
- Requires 6063-T6 aluminum framing as indicated in 663-SH-LM

Certification of Independence: I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in EFCO 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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10/11/2023
Lucas A. Turner, P.E.
FL PE #58201