

Evaluation Report FPA-825-FCA-5x9
June 4, 2024

Product Description: 825 Fixed Casement Window 5x9, Large Missile Impact

Manufacturer: EnerLux, Crete, Nebraska

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 for use outside the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

Technical Documentation:

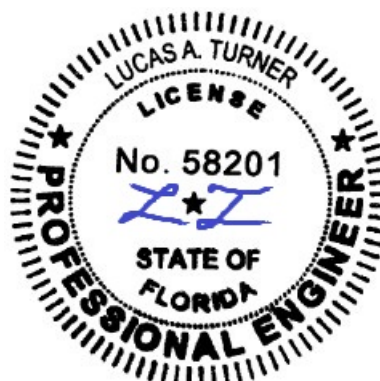
- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing FPA-825-FCA-5X9, signed and sealed by Lucas A. Turner, P.E
- 3) Test Reports 23-103 from CCL, Carrollton, Texas, and QCT24-7231.03 from Quast, Mosinee, Wisconsin, with testing performed: ASTM E 1886-19, ASTM E 1996-20 (Wind Zone 4 Missile Level D) AAMA/WDMA/CSA 101/I.S.2/A440-17/22
- 4) Supplemental Calculations to support FPA-825-FCA-5X9, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document FPA-825-FCA-5X9.

Limitations of Use: This product:

- May be used up to sizes indicated in FPA-825-FCA-5X9
- Achieves design pressures as indicated in FPA-825-FCA-5X9
- When glazed as indicated in FPA-825-FCA-5X9, is large missile impact resistant and does not require the use of shutters in windborne debris regions
- May not be used in the High Velocity Hurricane Zone
- Requires foam filled fiberglass framing as indicated in test reports listed above

Certification of Independence: I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in EnerLux 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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6/4/2024
Lucas A. Turner, P.E.
FL PE #58201