

FL31327 Evaluation Report UCART-IZ3
February 16, 2024

Product Description: Ultimate Casement Round Top IZ3 / Ultimate Casement Picture Round Top IZ3

Manufacturer: Marvin, Warroad, MN

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:

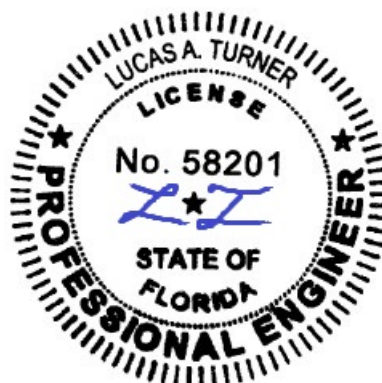
- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing Install-UCART-IZ3, rev. A, signed and sealed by Lucas A. Turner, P.E
- 3) Test Reports H8570.01/02-201-47, H8571.01/02-201-47, H5256.01/02-201-47, and H5259.01/02-201-47, from Intertek, St. Paul, MN, with testing performed: AAMA/WDMA/CSA 101/I.S.2/A440-11, ASTM E 1886-13a, ASTM E 1996-14a
- 4) Supplemental Calculations to support Install-UCART-IZ3, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document Install-UCART-IZ3.

Limitations of Use: This product:

- May be used up to sizes indicated in Install-UCART-IZ3
- Achieves design pressures of +/-65 psf
- Is Wind Zone 3 Missile Level D impact resistant and does not require the use of shutters in Wind Zone 3 or below windborne debris regions
- May not be used in the High Velocity Hurricane Zone
- Requires wood framing, Western Pine (G=0.43) minimum

Certification of Independence: I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in Marvin 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.



2/16/2024
Lucas A. Turner, P.E.
FL PE #58201