

FL31335 Evaluation Report - UCART
November 14, 2023

Product Description: Ultimate Casement Round Top / Ultimate Casement Narrow Frame Round Top

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, rev. A, signed and sealed by Lucas A. Turner, P.E
- 3) Test Reports N5221.01-201-47, N5223.01-201-47, N5225.01-201-47, and N5226.01-201-47, from Intertek / Architectural Testing, St. Paul, MN
 - a. Testing Performed: AAMA/WDMA/CSA 101/I.S.2/A440-11/17
- 4) Supplemental Calculations to support Install-UCART, signed and sealed by Lucas A. Turner, P.E.

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

Limitations of Use: This product:

- May be used up to sizes indicated in Install-UCART
- Achieves design pressures of +/-50 psf
- Is non-impact and requires the use of shutters in 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.



11/14/2023
Lucas A. Turner, P.E.
FL PE #58201