

Evaluation Report 176H
October 19, 2023

Product Description: Series 1000 Aluminum Guardian Swing Door, Non Impact, with SH-3500 Single Hung window insert

Manufacturer: Custom Window Systems, Inc. 1900 SW 44th Ave, Ocala, FL 34474

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

Technical Documentation:

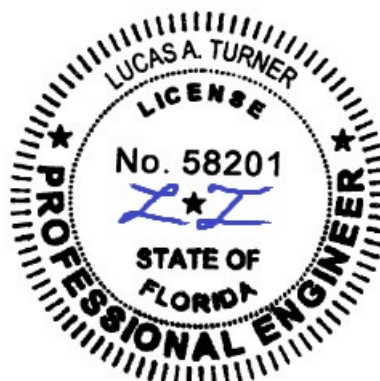
- 1) This report, prepared by Lucas A. Turner, PE, at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing CWS-176H, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Report 1778T0031.01, from PRI Construction Material Technologies LLC, Tampa, FL, with testing performed: ANSI/WDMA/CSA 101/I.S.2/A440-17.
- 4) Supplemental Calculations to support CWS-176H, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document CWS-176H.

Limitations of Use: This product:

- May be used in sizes, configurations, and with glazing as indicated in CWS-176H.
- Achieves design pressures of +/-40 psf
- Is nonimpact and requires the use of shutters in windborne debris regions
- May not be used in the High Velocity Hurricane Zone

Certification of Independence: I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in Custom Window 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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10/19/2023
Lucas A. Turner, P.E.
FL PE #58201