

Evaluation Report 811F

September 19, 2023

Product Description: Series 3300 (formerly 4700) Aluminum Fixed Window, LM Impact, 76" x 60" unit size O at 65 psf Design Pressures, and 74 1/8" x 37 1/16" unit size O at 80 psf Design Pressures

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

Technical Documentation:

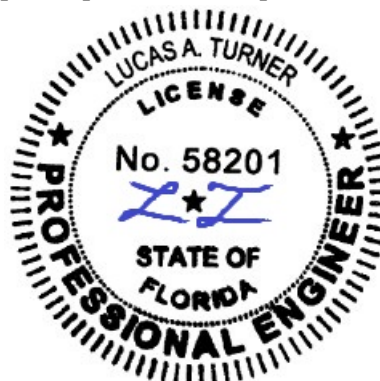
- 1) This report, prepared by Lucas A. Turner, PE, at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing CWS-811F, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports NCTL-210-3813-1, -1A, -2, and -2A, from National Certified Testing Laboratories, Orlando, FL signed and sealed by Gerard J. Ferrara, P.E., and Test Reports CWS-011-02-01 and -02, from PRI Construction Materials Technologies, Tampa, FL signed and sealed by Zachary R. Priest, P.E., with testing performed: TAS 201/202/203-94, AAMA/WDMA/CSA 101/I.S.2/A440-08/11/17, ASTM E 1886-13a/19, and ASTM E 1996-14a/17/20.
- 4) Supplemental Calculations to support CWS-811F, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document CWS-811F.

Limitations of Use: This product:

- May be used up to sizes and Design Pressures as indicated above, with glass types and max. glass daylight sizes as shown in CWS-811F. I.G. with annealed outboard lite may not be used above 30 ft of grade in HVHZ.
- Is Large Missile Impact Resistant and does not require the use of shutters
- May be used in the High Velocity Hurricane Zone
- Requires Interlayers: Kuraray SentryGlas Interlayer per current Miami-Dade NOA for 76" x 60", 65 psf configurations, and Kuraray Trosifol PVB Interlayer per current Miami-Dade NOA for 74 1/8" x 37 1/16", 80 psf configurations. I have evaluated these interlayer materials and find that they comply with the requirements of the 8th Edition (2023) Florida Building Code for use in this product.
- Requires 6063-T6 aluminum extrusions as shown in CWS-811C

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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9/19/2023
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