

Evaluation Report 726E
September 20, 2023

Product Description: Series 3100 (previously 3700) Aluminum Single Hung Window, LM Impact, max. unit sizes of 53 1/8" x 84" DP70 Oriel, 53 1/8" x 76" DP70 OX Equal Split, and 37" x 63" DP80 OX Equal Split

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:

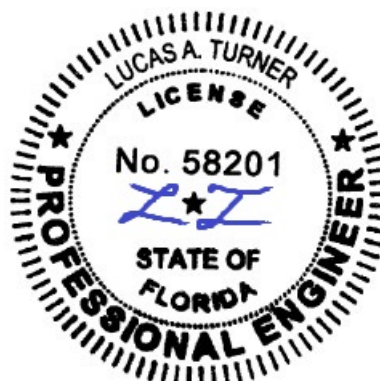
- 1) This report, prepared by Lucas A. Turner, PE, at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing CWS-726E, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports NCTL-210-3795-1, -1A, -2, -2A, -3, and -3A, and NCTL-210-4000-01, -1A, -02, and -2A from National Certified Testing Laboratories, Orlando, FL signed and sealed by Gerard J. Ferrara, P.E., and test reports CWS-004-02-02 and -03 and CWS-005-02-01 and -02 from PRI Construction Materials Technologies, Tampa, FL, with testing performed with equivalency to: TAS 201/202/203-94, AAMA/WDMA/CSA 101/1.S.2/A440-08/11/17, ASTM E 1886-13a/19, and ASTM E 1996-14a/17/20
- 4) Supplemental Calcs. to support CWS-726E, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document CWS-726E.

Limitations of Use: This product:

- May be used up to sizes indicated above in Product Description, with glass types, design pressures, and max. glass daylight sizes as shown in CWS-726E
- Is Large Missile Impact Resistant and does not require the use of shutters
- May be used in the High Velocity Hurricane Zone
- I.G. glass with annealed outboard lite may not be used above 30 ft from grade in HVHZ Requires Kuraray Trosifol PVB Interlayer per current Miami-Dade NOA. I have evaluated this interlayer material and find that it complies with the requirements of the 8th Edition (2023) Florida Building Code for use in this product.
- Requires 6063-T6 aluminum extrusions per CWS-726E

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.



9/20/2023
Lucas A. Turner, P.E.
FL PE #58201