

Evaluation Report 511D

August 04, 2020

Product Description: Series 8150 PVC Picture Window, Non Impact, Continuous Head and Sill, twin or triple configuration, 74 1/8" x 72" twin unit size (36 3/8" max. single unit width), 155" x 48" triple unit size (50 3/4" max. single unit width)

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 7th Edition (2020) Florida Building Code outside the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

Technical Documentation:

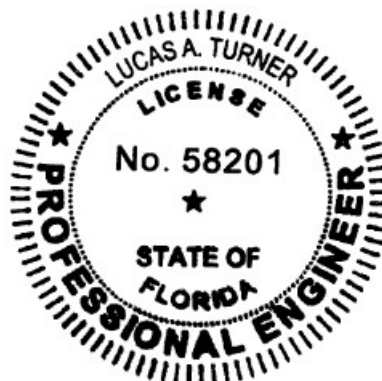
- 1) This report, prepared by Lucas A. Turner, PE, at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing CWS-511D, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports NCTL-210-3622-3 and -4, and NCTL-210-3700-3 and -4, National Certified Testing Laboratories, Orlando, FL, signed and sealed by Gerard J. Ferrara, P.E.
 - a. Testing Performed: AAMA/WDMA/CSA 101/I.S.2/A440-05
- 4) Supplemental Calculations to support CWS-511D, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document CWS-511D.

Limitations of Use: This product:

- May be used in twin unit configuration O | O or triple unit configuration O | O | O with continuous head and sill in twin sizes up to 74 1/8" x 72" unit size (36 3/8" max. single unit width), or in triple sizes up to 155" x 48" unit size (50 3/4" max. single unit width), with max. glass daylight sizes as shown in CWS-511D
- Achieves design pressures as shown in the comparative analysis table in CWS-511D
- Is non-impact and requires the use of shutters
- May not be used in the High Velocity Hurricane Zone
- Requires glazing as indicated in CWS-511D
- Requires Quanex (Mikron) white rigid PVC framing as shown in CWS-511D

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.



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08/04/2020

Lucas A. Turner, P.E.
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