

Evaluation Report 492F
September 13, 2023

Product Description: Series 8100/8150 PVC Single Hung Window, Non Impact, Continuous Head and Sill, Twin Configuration

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-492F, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Report NCTL-210-3621-1A, -2A, and -3, National Certified Testing Laboratories, Orlando, FL, signed and sealed by Gerard J. Ferrara, P.E., with testing performed with equivalency to: AAMA/WDMA/CSA 101/I.S.2/A440-08/11/17
- 4) Supplemental Calculations to support CWS-492F, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document CWS-492F.

Limitations of Use: This product:

- May be used in twin unit configuration O/X | O/X with continuous head and sill in sizes up to 74 1/8" x 72" unit size (36 3/8" max. single unit width), 75 3/8" x 73 1/4" flange size, with max. glass daylight heights of 31 15/16" for fixed panel and 32" for sash
- Achieves design pressures as shown in the comparative analysis table in CWS-492F
- Is non-impact and requires the use of shutters in windborne debris regions
- May not be used in the High Velocity Hurricane Zone
- Requires glass as shown in CWS-492F
- Requires Quanex or Veka white rigid PVC framing as shown in CWS-492F

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.



9/13/2023
Lucas A. Turner, P.E.
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