

**Evaluation Report 442F**  
September 13, 2023

**Product Description:** Series 8100 PVC Single Hung Window, Non Impact, Continuous Head and Sill, twin configuration, 72 7/8" x 61 3/4" unit size (35 3/4" max. single unit width)

**Manufacturer:** Custom Window Systems, Inc. 1900 SW 44<sup>th</sup> 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 8<sup>th</sup> 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-442F, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Report NCTL-210-3574-5, 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-442F, signed and sealed by Lucas A. Turner, P.E.

**Installation:** Units must be installed according to approval document CWS-442F.

**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 72 7/8" x 61 3/4" unit size (35 3/4" max. single unit width), or 74 1/8" x 63" flange size, with max. glass daylight heights of 26 13/16" for fixed panel and 26 7/8" for sash
- Achieves design pressures as indicated in comparative analysis table in CWS-442F
- 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-442F
- Requires Quanex or Veka white rigid PVC extrusions as shown in CWS-442F

**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.  
FL PE #58201