

**Evaluation Report 871E**  
July 27, 2023

**Product Description:** Series 8200 PVC Horizontal Slider Window, Large Missile Impact (HVHZ), XO or OX 74"x63" unit size with design pressures of +/-60 psf (Fin or Flange window)

**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 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-871E, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports NCTL-210-3887-1, -1A, -2, and -2A, by National Certified Testing Laboratories, Orlando, FL, signed and sealed by Gerard J. Ferrara, with testing performed with equivalency to: TAS 201/202/203-94, ASTM E 1886-13a/19, ASTM E 1996-17/20, and AAMA/WDMA/CSA 101/I.S.2/A440-08/11/17
- 4) Supplemental Calculations to support CWS-871E, signed and sealed by Lucas A. Turner, P.E.

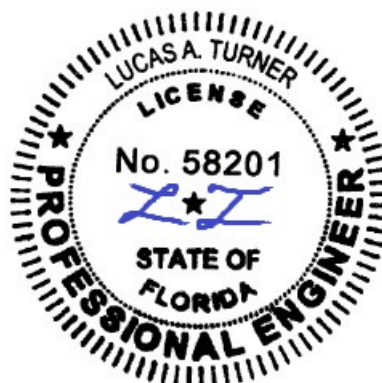
**Installation:** Units must be installed according to approval document CWS-871E.

**Limitations of Use:** This product:

- May be used up to the sizes and daylight openings indicated in CWS-871E
- Achieves design pressures of +/-60 psf
- Is Large Missile impact resistant and does not require the use of shutters
- May be used in the High Velocity Hurricane Zone
- Requires Kuraray Butacite PVB Interlayer per current Miami-Dade NOA<sup>†</sup>
- Requires Quanex or Veka white rigid PVC framing per current Miami-Dade NOA<sup>†</sup>

<sup>†</sup> I have evaluated these interlayer and framing materials and find that they comply with the requirements of the 8<sup>th</sup> Ed. (2023) Florida Building Code incl. HVHZ for use in this product.

**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.



7/27/2023  
Lucas A. Turner, P.E.  
FL PE #58201