

**Evaluation Report 869D**

August 04, 2020

**Product Description:** Series 8200 PVC Horizontal Slider Window, Large Missile Impact (HVHZ), XOX 111"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 7<sup>th</sup> Edition (2020) 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 Approval drawing CWS-869D, signed and sealed by Lucas A. Turner, P.E.
- 2) Test Reports NCTL-210-3887-3, -3A, -4, and -4A, by National Certified Testing Laboratories, Orlando, FL, signed and sealed by Gerard J. Ferrara, with testing performed: TAS 201, 202, 203 '94, ASTM E 1886 '02/04/05, ASTM E 1996 '04/06/09, and AAMA/WDMA/CSA 101/I.S.2/A440 '08
- 3) Supplemental Calculations to support CWS-869D, signed and sealed by Lucas A. Turner, P.E.

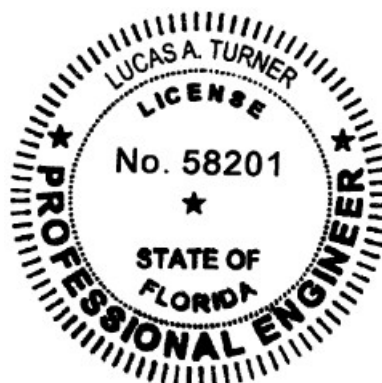
**Installation:** Units must be installed according to approval document CWS-869D.

**Limitations of Use:** This product:

- May be used up to the sizes and daylight openings indicated in CWS-869D
- 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
- In the operable sash, requires Kuraray Butacite PVB Interlayer per Miami-Dade NOA 19-0305.02<sup>†</sup>, and in the fixed glass requires Kuraray SentryGlas Interlayer per Miami-Dade NOA 17-0808.02<sup>†</sup>
- Requires Quanex or Veka white rigid PVC framing per Miami-Dade NOA 17-0206.10<sup>†</sup> or 17-0228.04<sup>†</sup>

<sup>†</sup> I have evaluated the interlayer and framing materials in these Kuraray, Quanex, and Veka NOAs and find that they comply with the requirements of the 7<sup>th</sup> Ed. (2020) Florida Building Code 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.



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08/04/2020  
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