

**Evaluation Report 1150B**

August 06, 2020

**Product Description:** Series 8800 Vinyl Sliding Glass Door, Large Missile Impact Resistant, 4' nominal panel widths, 96" door heights, with design pressures of +/-50 psf (annealed laminated glass) and +/-65 psf (heat strengthened laminated glass), with panel reinforcement required as shown in CWS-1150B

**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
- 2) Approval drawing CWS-1150B, signed and sealed by Lucas A. Turner, P.E.
- 3) Keystone Certifications CAR documents 138-569, 570, 1394.0, 1395.0, 1397.0, and 1398.0
- 4) Test Reports F1575.05/06/07/08/09/10/11/12/13-401-18/44, from Intertek/ATI, Tampa, FL (TAS testing signed/sealed by Justin P. McDonald), and CWS-010-02-01/02, by PRI Construction Materials Technologies, Tampa, FL (TAS testing signed/sealed by Zachary R. Priest), with testing performed: TAS 201/202/203-94, AAMA/WDMA/CSA 101/I.S.2/A440-11, ASTM E 1886-05, ASTM E 1996-09
- 5) Supplemental Calcs. to support CWS-1150B, signed and sealed by Lucas A. Turner, P.E.

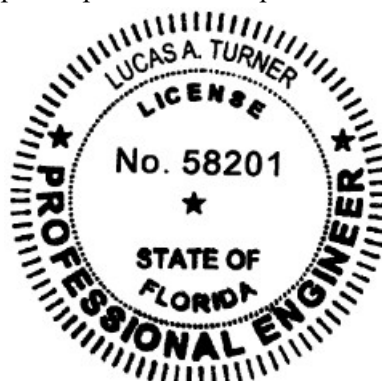
**Installation:** Units must be installed according to approval document CWS-1150B.

**Limitations of Use:** This product:

- May be used in sizes, design pressures, and with max. glass DLO sizes as shown in CWS-1150B
- Is large missile (9lb 2x4, 50 ft/s) impact resistant and does not require the use of shutters
- May be used in the High Velocity Hurricane Zone and ASTM Wind Zone 4 areas
- Requires laminated glazing as shown in CWS-1150B, with Kuraray Butacite PVB Interlayer per Miami-Dade NOA 19-0305.02<sup>†</sup>
- Requires Vision Extrusions PVC frames in accordance with NOA 18-1108.10<sup>†</sup>

<sup>†</sup> I have evaluated the interlayer and framing materials in these Kuraray and Vision 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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08/06/2020

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