

**Evaluation Report 1152B**  
August 06, 2020

**Product Description:** Series 8800 Vinyl Sliding Glass Door, Large Missile Impact Resistant, 4' nominal panel widths, 120" door heights, with design pressures of +/-65 psf, with heavy panel reinforcement required as shown in CWS-1152B

**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 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-1152B, signed and sealed by Lucas A. Turner, P.E.
- 3) Keystone Certifications CAR documents 138-572, 573, 1604.0, 1605.0, 1610.0, and 1611.0
- 4) Test Reports F1575.01/02/16/17/18/19-401-18/44, from Intertek/ATI, Tampa, FL (TAS testing signed/sealed by Justin P. McDonald), and CWS-015-02-01 signed/sealed by Zachary Priest, from PRI Construction Materials, Tampa, FL, 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-1152B, signed and sealed by Lucas A. Turner, P.E.

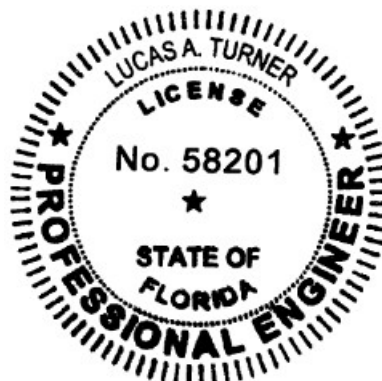
**Installation:** Units must be installed according to approval document CWS-1152B.

**Limitations of Use:** This product:

- May be used in sizes, design pressures, and with max. glass DLO sizes as shown in CWS-1152B
- 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-1152B, with Kuraray SentryGlas Interlayer per Miami-Dade NOA 17-0808.02<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.



*LT*  
08/06/2020  
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