

**Evaluation Report 1042C**  
September 13, 2023

**Product Description:** Series 8900 PVC Sliding Glass Door, LM Impact Wind Zone 3, 4'x7' nominal panel size max.

**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 for use 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-1042C, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Report NCTL-210-3936-02, National Certified Testing Laboratories, Orlando, FL, with testing performed with equivalency to: AAMA/WDMA/CSA 101/I.S.2/A440-08/11/17, ASTM E 1886-13a/19, and ASTM E 1996-14a/17/20 (large missile impacts in accordance with Wind Zone 3),
- 4) Supplemental Calcs. to support CWS-1042C, signed and sealed by Lucas A. Turner, P.E.

**Installation:** Units must be installed according to approval document CWS-1042C.

**Limitations of Use:** This product:

- May be used in up to 48 7/8" x 81 1/2" panel sizes (84" max. door height), with glass types and max. glass daylight sizes as shown in CWS-1042C
- Achieves design pressures of +/-55 psf
- Is Large Missile Impact Resistant and does not require the use of shutters
- May not be used in the High Velocity Hurricane Zone or Wind Zone 4 areas
- Requires Kuraray Trosifol PVB Interlayer
- Requires Quanex or Veka white rigid PVC frame extrusions

**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