

Evaluation Report 160F
August 03,2020

Product Description: Series 8400 PVC Casement Window, Non Impact, 36" x 72" unit size 37 1/4" x 73 1/4" flange size, 1/8 or 3/16 Annealed or Tempered IG Glass

Manufacturer: Custom Window Systems, Inc. 1900 SW 44th 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 7th Edition (2020) Florida Building Code outside the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

Technical Documentation:

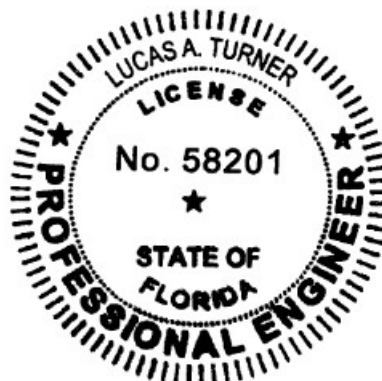
- 1) This report, prepared by Lucas A. Turner, PE, at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing CWS-160F, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports NCTL-210-3586-3, from National Certified Testing Laboratories, Orlando, FL signed and sealed by Gerard J. Ferrara, P.E. on 4/20/09
 - a. Testing Performed: AAMA/WDMA/CSA 101/I.S.2/A440-05
- 4) Supplemental Calculations to support CWS-160F, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document CWS-160F.

Limitations of Use: This product:

- May be used in X configuration in sizes up to 36" x 72" unit size, or 37 1/4" x 73 1/4" flange size, with max. glass daylight size of 29 1/4" x 64 1/4"
- Achieves design pressures as indicated in comparative analysis table in CWS-160F
- Is non-impact and requires the use of shutters
- May not be used in the High Velocity Hurricane Zone
- Requires 1/8 or 3/16 Annealed or Tempered IG Glass (E1300 limitations prevent the use of 1/8 Annealed IG glass in some sizes as indicated in CWS-160F)
- Requires Quanex (Mikron) white rigid PVC extrusions as shown in CWS-160F

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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8/03,2020
Lucas A. Turner, P.E.
FL PE #58201