

Evaluation Report PEL-868E
August 15, 2023

Product Description: Series SW-520 PVC Horizontal Slider Window, Large Missile Impact (Wind Zone 3), XOX 111"x63" unit size with design pressures of +/-50 psf (Fin or Flange window)

Manufacturer: Pella Corporation, 102 Main Street, Pella, IA 50219

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 8th Edition (2023) Florida Building Code not including the High Velocity Hurricane Zone or Wind Zone 4. 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 PEL-868E, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports NCTL-210-3887-3B and -4B, by National Certified Testing Laboratories, Orlando, FL, signed and sealed by Gerard J. Ferrara, with testing performed with equivalency to: ASTM E 1886-13a/19, ASTM E 1996-17/20 (large missile impacts in accordance with Wind Zone 3), and AAMA/WDMA/CSA 101/I.S.2/A440-08/11/17
- 4) Supplemental Calculations to support PEL-868E, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document PEL-868E.

Limitations of Use: This product:

- May be used up to the sizes and daylight openings indicated in PEL-868E
- Achieves design pressures of +/-50 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 Butacite PVB Interlayer in the operable sash, and Kuraray SentryGlas Interlayer in the fixed glass
- 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 Pella Corporation 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.



8/15/2023
Lucas A. Turner, P.E.
FL PE #58201