

**Evaluation Report PEL-1073A**  
October 2, 2023

**Product Description:** Series 415 PVC Picture Window, Large Missile Impact Wind Zone 3, with Design Pressure +/-50 psf

**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 8<sup>th</sup> 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:**

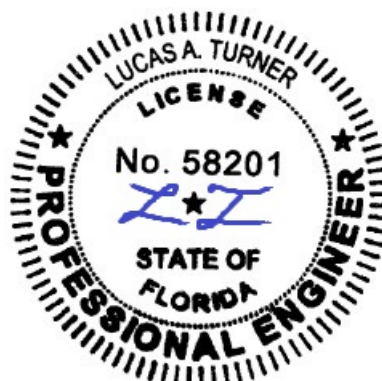
- 1) This report, prepared by Lucas A. Turner, PE, at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing PEL-1073A, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports NCTL-210-3988-01/02/03/04/05/06 and NCTL-210-3976-03/04, by National Certified Testing Laboratories, Orlando, FL, with testing performed with equivalency to: ASTM E 1886-13a/19, ASTM E 1996-14a/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-1073A, signed and sealed by Lucas A. Turner, P.E.

**Installation:** Units must be installed according to approval document PEL-1073A.

**Limitations of Use:** This product:

- May be used up to the sizes and daylight openings with glazing and design pressures as indicated in PEL-1073A
- 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, 0.090" thick in 36"x76" unit size and 0.105" thick in 48"x76" size. Requires 0.090" Kuraray SentryGlas Interlayer in unit sizes 68"x76" and 54"x96". Width and height may be transposed.
- Requires ATN PVC frames with current listing as AAMA 303 Certified Profile Licensee

**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.



10/2/2023  
Lucas A. Turner, P.E.  
FL PE #58201