

Evaluation Report PEL-928A
September 19, 2023

Product Description: Series 590 PVC Sliding Glass Door, Wind Zone 3 LM Impact, 72" wide x 83" high max. overall size, with design pressure of +/-55 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 8th Edition (2023) Florida Building Code, not including the High Velocity Hurricane Zone or Wind Zone 4 areas. 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-928A, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports NCTL-210-3935-01, 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-928A, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document PEL-928A.

Limitations of Use: This product:

- May be used up to the sizes and daylight openings with glazing as indicated in PEL-928A
- 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 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.



9/19/2023
Lucas A. Turner, P.E.
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