

**Evaluation Report PEL-1149A**  
October 2, 2023

**Product Description:** Series 580 Vinyl Sliding Glass Door, non-impact, 4' nominal panel widths, 120" door heights, with design pressures of +/-65 psf (additional comparative analysis pressures included in installation drawing), with heavy panel reinforcement required as shown in PEL-1149A

**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 including the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

**Technical Documentation:**

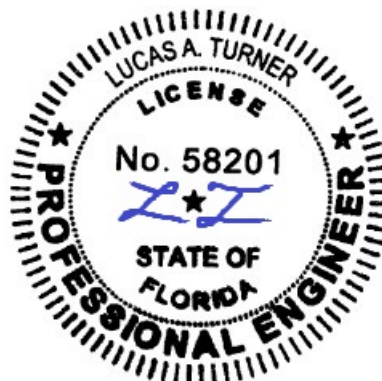
- 1) This report, prepared by Lucas A. Turner, PE, at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing PEL-1149A, signed and sealed by Lucas A. Turner, P.E.
- 3) Keystone Certifications CAR documents 138-1603.0, 138-1609.0
- 4) Test Reports F1575.01/02/16/17/18/19-401-44, from Intertek/ATI, Tampa, FL, and CWS-015-02-01, from PRI Construction Materials, Tampa, FL, signed and sealed by Zachary Priest, P.E., with testing performed with equivalency to: TAS 202-94, AAMA/WDMA/CSA 101/I.S.2/A440-11/17
- 5) Supplemental Calcs. to support PEL-1149A, signed and sealed by Lucas A. Turner, P.E.

**Installation:** Units must be installed according to approval document PEL-1149A.

**Limitations of Use:** This product:

- May be used in sizes, design pressures, and with max. glass DLO sizes as shown in PEL-1149A
- Is non-impact resistant and requires the use of shutters in windborne debris regions
- May be used in the High Velocity Hurricane Zone
- Requires Fully Tempered Insulating Glass as shown in PEL-1149A
- Requires Vision Extrusions PVC frames in accordance with current Miami-Dade NOA. I have evaluated this framing material and find that it complies with the requirements of the 8<sup>th</sup> Ed. (2023) Florida Building Code for use in this product.

**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