

**Evaluation Report PEL-641A**

October 11, 2023

**Product Description:** Series 570/571/575 PVC Hinged Patio Door, Single or French, with or without Sidelite(s), LM Impact, 3'x8' nominal panel size max.

**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-641A, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports NCTL-210-3761-1, -1A, -1B, -1C, -2, and -2A from National Certified Testing Laboratories, Orlando, FL signed and sealed by Gerard J. Ferrara, P.E., with testing performed with equivalency to: TAS 201/202/203-94, AAMA/WDMA/CSA 101/I.S.2/A440-08/11/17, ASTM E 1886-13a/19, and ASTM E 1996-14a/17/20
- 4) Supplemental Calculations to support PEL-641A, signed and sealed by Lucas A. Turner, P.E.

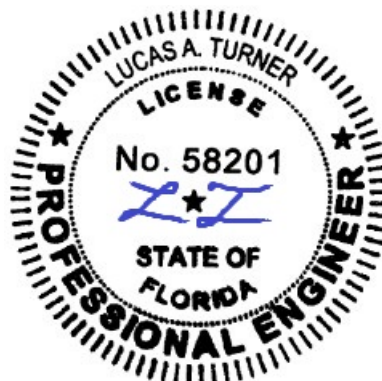
**Installation:** Units must be installed according to approval document PEL-641A.

**Limitations of Use:** This product:

- May be used in up to 79" x 97" XX sizes, 40" x 97" X sizes, and 36 3/16" x 97" Sidelite sizes, with glass types and max. glass daylight sizes as shown in PEL-641A
- Achieves design pressures of +/-70 p.s.f.
- Is Large Missile Impact Resistant and does not require the use of shutters
- May be used in the High Velocity Hurricane Zone
- Anchors indicated in PEL-641A shall be pan or hex head type and shall have a head or washer (integrated or separate) diameter of 0.420" min.
- Glass Type A requires Kuraray Trosifol PVB Interlayer per Miami-Dade NOA<sup>†</sup>
- Glass Type B requires Kuraray SentryGlas Interlayer per current Miami-Dade NOA<sup>†</sup>
- Requires Quanex or Veka white rigid PVC framing per current Miami-Dade NOA<sup>†</sup>

<sup>†</sup> I have evaluated these interlayer and framing materials and find that they comply with the requirements of the 8<sup>th</sup> Ed. (2023) Florida Building Code for use in this product. 10/11/2023

**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.



10/11/2023  
Lucas A. Turner, P.E.  
FL PE #58201