

**Evaluation Report PEL-160A**  
September 19, 2023

**Product Description:** Series 540 PVC Casement Window, Non Impact, 36" x 72" unit size 37 1/4" x 73 1/4" flange size, 1/8 or 3/16 Annealed or Tempered IG Glass

**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 outside 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-160A, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Report NCTL-210-3586-3, from National Certified Testing Laboratories, Orlando, FL, with testing performed with equivalency to: AAMA/WDMA/CSA 101/I.S.2/A440-08/11/17
- 4) Supplemental Calculations to support PEL-160A, signed and sealed by Lucas A. Turner, P.E.

**Installation:** Units must be installed according to approval document PEL-160A.

**Limitations of Use:** This product:

- May be used in X configuration in sizes up to 36" x 72" unit size, or 37 1/4" x 73 1/4" flange size, with max. glass daylight size of 29 1/4" x 64 1/4"
- Achieves design pressures as indicated in comparative analysis table in PEL-160A
- Is non-impact and requires the use of shutters
- May not be used in the High Velocity Hurricane Zone
- Requires 1/8 or 3/16 Annealed or Tempered IG Glass (E1300 limitations prevent the use of 1/8 Annealed IG glass in some sizes as indicated in PEL-160A)
- Requires Quanex or Veka white rigid PVC extrusions as shown in PEL-160A

**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.  
FL PE #58201