

Evaluation Report PEL-508A
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, 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 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-508A, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Report NCTL-210-3619-3, from National Certified Testing Laboratories, Orlando, signed and sealed by Gerard J. Ferrara, P.E., with testing performed: TAS 202 1994 (Full 202 performed on 3 identical specimens of 36" x 72" unit size with Design Pressure +/- 80 psf)
- 4) Supplemental Calculations to support PEL-508A, signed and sealed by Lucas A. Turner, P.E.

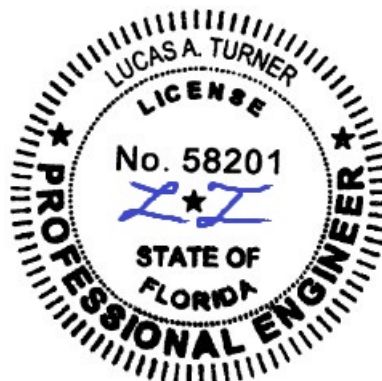
Installation: Units must be installed according to approval document PEL-508A.

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 1/2" x 65 1/2"
- Achieves design pressures as indicated in comparative analysis table in PEL-508A
- Is non-impact and requires the use of shutters
- May be used in the High Velocity Hurricane Zone
- Requires 3/16 Annealed or Tempered IG Glass
- Requires Quanex or Veka white rigid PVC framing per current Miami-Dade NOA[†]

[†] I have evaluated these framing materials and find that they comply with the requirements of the 8th 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.



9/19/2023
Lucas A. Turner, P.E.
FL PE #58201