

Evaluation Report PGW151-E
September 24, 2026

Product Description: Premium Mira Series Casement Operating Shape Window, Impact

Manufacturer: Ply Gem Windows, 433 N. Main St., Rocky Mount, VA

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 9th Edition (2026) 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, P.E., at 2428 Old Natchez Trc. Trl., Camden, TN
- 2) Installation drawing PGW151-E, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports NCTL-110-14370/1/2-1 and NCTL-110-12765-2/3/5, from National Certified Testing Laboratories, with testing performed: AAMA/WDMA/CSA 101/I.S.2/A440-11/17, AAMA 506-16
- 4) Supplemental Calculations to support PGW151-E, signed and sealed by Lucas A. Turner, P.E.

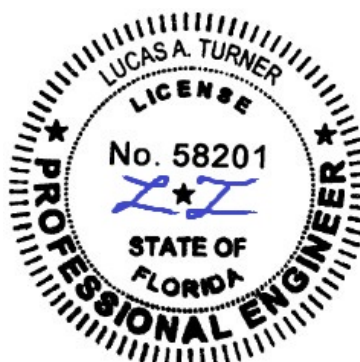
Installation: Units must be installed according to installation drawing PGW151-E.

Limitations of Use: This product:

- May be used in the configurations and product sizes as indicated in PGW151-E
- Is missile level D, wind zone 3, impact rated and does not require the use of impact protective devices in wind zone 3 or lower windborne debris regions
- May not be used in the High Velocity Hurricane Zone
- Requires Radiata Pine min. wood framing with 6063-T5 aluminum cladding

Coastal Compliance:

- Fastener criteria other than described below shall be in accordance with PGW151-E.
- Fasteners used in locations less than or equal to 300 ft from a saltwater coastline, where any portion of the fastener is located to the exterior of the Water-Resistive Barrier (WRB) of the wall construction, or is a Weather-Exposed Surface, or as otherwise required by the Authority Having Jurisdiction (AHJ), shall meet the criteria of FBC Sect. 1711.1.1.1 or RBC Section R332.1.1.1 as applicable.



Lucas Turner
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Lucas A. Turner, P.E.
FL PE #58201

- For wood and metal installation substrates, requires stainless steel, 100 ksi min. ult. (cold worked).
- Fasteners used in locations less than or equal to 300 ft from a saltwater coastline, where the entire fastener is located to the interior of the WRB of the wall construction, or determined by the Registered Design Professional or AHJ for the project to be located within the Unconditioned Interior of the wall construction, or as otherwise required by the AHJ, shall meet the criteria of FBC Sect. 1711.1.1.2 or RBC Section R332.1.1.2 as applicable^{††}.
- Fasteners used in locations greater than 300 ft and up to 3000 ft from a saltwater coastline, in any Exterior/Interior location of the wall construction, or as otherwise required by the AHJ, shall meet the criteria of FBC Sect. 1711.1.1.2 or RBC Section R332.1.1.2 as applicable^{††}

^{††} Kwik-Cote on Hilti Kwik-Flex and Climaseal on ITW TEKS fasteners meet these corrosion resistance criteria. Other fasteners must be galvanized or otherwise coated in accordance with one of the standards provided in FBC Sect. 1711.1.1.2 or RBC Sect. R332.1.1.2.

Certification of Independence: I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in Ply Gem Windows 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.

