

Evaluation Report PGW312-D
March 8, 2023

Product Description: American Craftsman 30 / Series 4700 Aluminum Single Hung 4712FL

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 7th Edition (2020) Florida Building Code including the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

Technical Documentation:

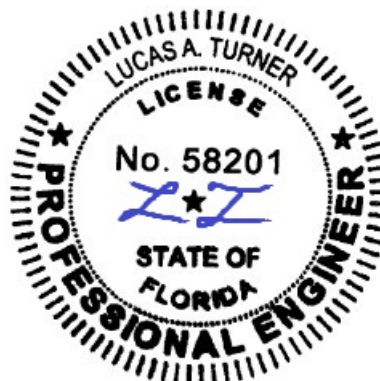
- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc. Trl., Camden TN
- 2) Installation drawing PGW312-D, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports I9308.01-550-18-r1, J2927.02-550-18-r0, J8133.02-550-18-r0, and K2418.03/04-550-18, from Intertek, Lithia Springs, GA, with testing performed: TAS 202-94
- 4) Supplemental Calculations to support PGW312-D, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to installation drawing PGW312-D.

Limitations of Use: This product:

- Achieves design pressures of +/-50 psf in the configurations and product sizes as indicated in PGW312-D
- Requires the use of 3/4" overall I.G. glazing consisting of two lites of 1/8" annealed or tempered glass with tin-plate Intercept spacer with Nova Flex M150 backbedding. Tempered glass is required when installed more than 30 ft above grade.
- Is non-impact and requires the use of impact protective devices in windborne debris regions
- May be used in the High Velocity Hurricane Zone
- Requires 6063-T5 aluminum extrusion framing as indicated in PGW312-D

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.



Lucas Turner
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3/8/2023
Lucas A. Turner, P.E.
FL PE #58201