



BUILDING DROPS

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Certificate of Authorization: 29578

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Product Evaluation Report

of

Ply Gem Windows
Series 1500 Integral Mulled Window
(NON-HVHZ) (NON-IMPACT)

for

Florida Product Approval

FL# FL16100

Report No. 7527

Current Florida Building Code

Method: 1 – A (Certificate Method)
Category: Windows
Sub – Category: Single Hung

Product: Series 1500 Integral Mulled Window
Material: PVC
Product Dimensions: See Installation Instructions, PGW191

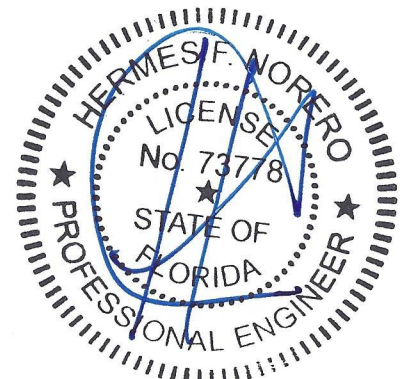
Prepared for:
Ply Gem Windows
433 N. Main St., PO Box 559
Rocky Mount, VA 24151

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 04/01/2021

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Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2021.05.03 14:29:29 -04'00'



Hermes F. Norero, P.E.
Florida P.E. No. 73778



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FL#: 16100

Date: 04/01/2021

Report No: 7527

Manufacturer: Ply Gem Windows

Product Category: Windows

Product Sub-Category: Single Hung

Compliance Method: State Product Approval Method (1)(a)

Product Name: Series 1500 Integral Mulled Window
(NON-HVHZ) (NON-IMPACT)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Ply Gem Windows** based on Method 1a of the Florida Department of Business and Professional Regulation - Florida Building Commission.

Hermes F. Norero, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the current Florida Building Code.

See Installation Instructions **PGW191**, signed and sealed by Hermes F. Norero, P.E. (FL # 73778) for specific use parameters.

Limits of Use:

1. This product has been evaluated and is in compliance with the current Florida Building Code, **excluding** the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with Chapter 16 of the current Florida Building Code and **does** require an impact resistant covering.
4. Site conditions that deviate from the details of Installation Instructions **PGW191** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **PGW191** for size and design pressure limitations.



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Quality Assurance: The manufacturer has demonstrated compliance of manufacture of products in accordance with the Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **National Accreditation Management Institute** (FBC Organization #: QUA1789).

Performance Standards: The product described herein has been evaluated per:

- AAMA/WDMA/CSA 101/I.S.2/A440-17

Referenced Data:

1. Product Testing performed by **National Certified Testing Laboratories** (FBC Organization # TST1589)
Report: NCTL-110-15641-1 Date: 12/06/2012
Report: NCTL-110-15642-1 Date: 12/06/2012
Report: NCTL-110-15644-1 Date: 12/11/2012
Report: NCTL-110-15645-1 Date: 12/07/2012
Report: NCTL-110-16823-1 Date: 01/29/2014
Report: NCTL-110-23158-1 Date: 02/18/2020
Report: NCTL-110-23159-1 Date: 02/20/2020
Report: NCTL-110-23160-1 Date: 02/20/2020
Report: NCTL-110-23161-1 Date: 02/20/2020
Report: NCTL-110-19353-1 Date: 07/20/2016
Report: NCTL-110-19353-2 Date: 07/21/2016
Report: NCTL-110-15590-1 Date: 11/12/2012
Report: NCTL-110-15597-1 Date: 11/19/2012
Report: NCTL-110-17758-1 Date: 02/13/2015
Report: NCTL-110-19353-3 Date: 07/21/2016
2. Quality Assurance
National Accreditation Management Institute
(FBC Organization #: QUA 1789)

Installation:

Refer to Installation Instructions (**PGW191**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**PGW191**) for maximum door sizes and pressures.