BUILDING DROPS
398 E DANIA BEACH BLVD. SUITE 338, DANIA BEACH, FL 33004

Product Evaluation Report

of

Ply Gem Windows
Premium Mira Series
Aluminum Clad Fin Frame Double Hung Fixed Window
(Non-HVHZ) (Impact)

for

Florida Product Approval

FL# FL15538

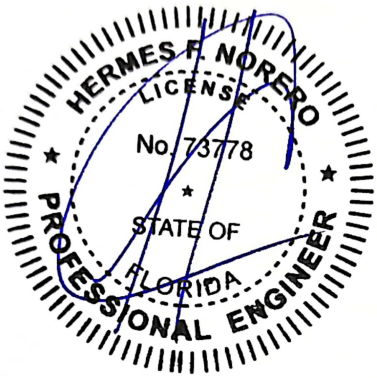
Report No. 8675

Current Florida Building Code

Method:	**1 – A (Certificate)**
Category:	**Windows**
Sub – Category:	**Fixed**
Product:	**Premium Mira Series Double Hung Fixed**
Material:	**Radiata**
Cladding:	**Aluminum 6063-T5**
Product Dimensions:	**See Installation Instructions, PGW148**

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

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 12/21/2023



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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.12.22 16:17:22 -05'00'

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

398 E DANIA BEACH BLVD. SUITE 338, DANIA BEACH, FL 33004

Manufacturer: **Ply Gem Windows**

Product Category: Windows

Product Sub-Category: Fixed

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

Product Name: **Premium Mira Series Impact Aluminum Clad Fin Frame Double Hung Fixed Window (Non-HVHZ) (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 State of Florida Product Approval, 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 **PGW148**, 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 not** require an impact resistant covering in Wind Zone 3 or less. An impact resistant covering **is required** in Wind Zone 4.
4. Site conditions that deviate from the details of **PGW148** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **PGW148** for size and design pressure limitations.

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Certification Agency: The manufacturer has demonstrated compliance of window products in accordance with the Florida Building Code and State Rules for manufacturing under a quality assurance program audited by an approved quality assurance entity through **National Accreditation & Management Institute** (FBC Organization #: CER1773).

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

- AAMA/WDMA/CSA 101/I.S.2/A440-17
- AAMA 506-16
- ASTM E1886-19
- ASTM E1996-20

Referenced Data:

1. Product Testing performed by **National Certified Testing Laboratories**
   (FBC Organization # TST4744)
   Report #: NCTL-110-14366-1, Report Date: 09/07/2011
   Report #: NCTL-110-18380-1, Report Date: 08/25/2015

2. Product Testing performed by **Certified Testing Laboratories**
   (FBC Organization # TST1577)
   Report #: CTLA-1795W, Report Date: 05/05/2008

3. Certification Agency
   National Accreditation and Management Institute
   (FBC Organization #: CER1773)

Installation: Refer to Installation Instructions (**PGW148**) for anchor type requirements, anchor spacing and more details of the installation requirements.

Design Pressure:

Overall Size		DP Rating
Width	Height	
49 3/8"	76 5/8"	+50 / -50 PSF
73 3/8”	86 1/2”	+50 / -50 PSF

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