BUILDING DROPS
1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

Product Evaluation Report

of

Ply Gem Siding Group
Mastic Aluminum, Plastic, & Vinyl Siding Products
(Non-HVHZ)

for

Florida Product Approval

FL# FL32869

Report No. 10543

Current Florida Building Code

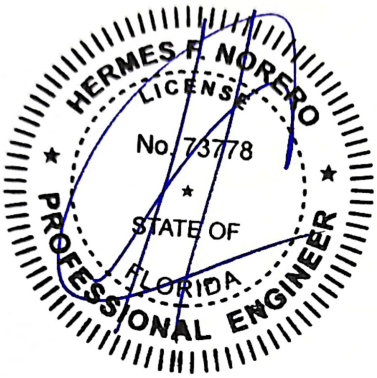
Method:	**1 – D (Engineering Evaluation)**
Category:	**Panel Walls**
Sub – Category:	**Siding**
Product:	**Mastic Aluminum, Plastic, & Vinyl Siding Products (Non-HVHZ)**
Materials:	**3105 Aluminum, Polypropylene, & PVC**
Product Dimensions:	**See Installation Instructions, PGSG005**

Prepared for:

Ply Gem Siding Group
2405 Campbell Road,
Sidney, OH 45365

Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer #73778
Date: 09/01/2026



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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.09.29 19:26:34 -04'00'

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

1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

Manufacturer: **Ply Gem Siding Group**

Product Category: Panel Walls

Product Sub-Category: Siding

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

Product Name: **Mastic Aluminum, Plastic, & Vinyl Siding Products (Non-HVHZ)**

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL #73778) for **Ply Gem Siding Group** based on Method 1d 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 **PGSG005**, 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 when installed over wall construction compliant with Chapter 16 of the Florida Building Code.
4. Site conditions that deviate from the details of installation instructions **PGSG005** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **PGSG005** for size and design pressure limitations.

954.399.8478 954.744.4738
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Quality Assurance: The manufacturer has demonstrated compliance of manufacture of products in accordance with the current Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **Intertek Testing Services NA, Inc. – QA Entity** (FBC Organization #QUA1673)

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

- ASTM D3679-21
- ASTM D7254-20
- ASTM D7793-24
- AAMA 1402-09

Referenced Data:

1. Product Testing performed by **ATI-Intertek.**
   (FBC Organization #TST1558)

Report #:	Report Date:
99352.04-109-44	09/13/16
99352.05-109-44	06/30/10
A4034.01-109-40	10/07/10
49361.01	02/10/04
84199.03-109-44	10/24/08
01-50924.01	05/12/04
01-50924.02	05/12/04
A5538.01-103-77	04/14/11
A9142.01-103-77	10/19/11
ATI-14787-2	10/26/94
50437.01-106-18	12/06/04

2. Product Testing performed by **ATI-Intertek.**
   (FBC Organization #TST2561)

Report #:	Report Date:
01.03300.01.002	01/10/00
01-2303-134	03/17/99

3. Quality Assurance
   Intertek Testing Services NA, Inc. – QA Entity
   (FBC Organization #QUA1673)

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Installation:

Refer to Installation Instructions (**PGSG005**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**PGSG005**) for design pressures based on size, configuration, and glass types.

Equivalence of Test Standards:

Various test standards have been evaluated for differences in test methodology, if any, between tested editions of the test standards listed below and those editions referenced in the current Florida Building Code. **Ply Gem Siding Group** has tested their products to the following test standard edition(s):

1) ASTM D3679-17
2) ASTM D7254-17
3) ASTM D7793-21

Chapter 35 of the current Florida Building Code references the following editions of the above mentioned test standards:

1) ASTM D3679-21
2) ASTM D7254-20
3) ASTM D7793-24

After review of the above mentioned referenced standards and editions, it has been found that the results and tests carried out meet the requirements for compliance. All referenced standards have been found to be equivalent.

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