



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

Date: 08/07/2023

Report No: 8712

Product Evaluation Report

of

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

for

Florida Product Approval

FL# FL32869

Report No. 8712

Current Florida Building Code

Method: 1 - D (Engineering Evaluation)
Category: Panel Walls
Sub – Category: Siding

Product: *Mastic Aluminum, Plastic & Vinyl Siding
(Non-HVHZ) (Impact)*
Material: 3105 Aluminum, Polypropylene & PVC

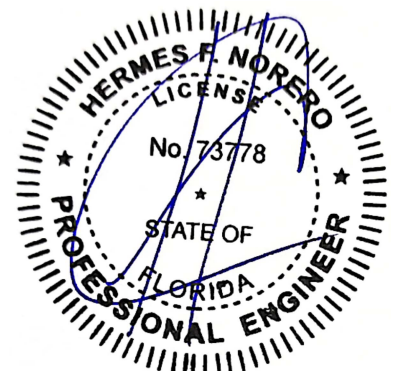
Prepared For:
Ply Gem Siding Group
2405 Campbell Road
Sidney, OH 45365

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 08/07/2023

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.08.14 16:12:59 -04'00'



Hermes F. Norero, P.E.
FL PE # 73778
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Date: 08/07/2023
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Manufacturer: Ply Gem Siding Group

Product Category: Panel Walls

Product Sub-Category: Siding

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

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Ply Gem Siding Group**.

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 Edition of the 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 Edition of the 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 Edition of the Florida Building Code and does not require an impact resistant covering in areas requiring Impact Resistance.
4. Site conditions that deviate from the details of drawing **PGSG005**, require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **PGSG005**, 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 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 tested per:

- ASTM D 3679-17
- ASTM G 155-13
- ASTM D 638-03
- ASTM D 7254-17
- 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 the size, configuration, and glass types.