



BUILDING DROPS

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Certificate of Authorization: 29578

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Product Evaluation Report

of

**Palm City Ironworks
Milano Series Casement Windows
(Impact) (HVHZ)**

for

Florida Product Approval

FL# FL27074

Report No. 6211

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Windows
Sub – Category:	Casement
Product:	Milano Series Casement Windows
Material:	Steel
Product Dimensions:	See installation instructions, PCI009

Prepared for:

Palm City Ironworks

3160 Kutak Rd.

Fort Myers, FL 33916

Prepared by:

Hermes F. Norero, P.E.

Florida Professional Engineer # 73778

Date: 04/20/19

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FL#: **FL27074**

Date: 04/20/19

Report No: 6211

Manufacturer: Palm City Ironworks

Product Category: Windows

Product Sub-Category: Casement

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

Product Name: Milano Series Casement Windows (Impact) (HVHZ)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Palm City Ironworks** based on Method 1d of the State of Florida Product Approval, 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 **PCI009**, 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, including 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.
4. Site conditions that deviate from the details of drawing **PCI009** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **PCI009** for size and design pressure limitations.

Hermes F. Norero, P.E.

Florida No. 73778

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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 **National Accreditation Management Institute** (FBC Organization # QUA1789)

Performance Standards:

The product described herein has been tested per:

- TAS 201-94
- TAS 202-94
- TAS 203-94
- ASTM E1996-14a
- ASTM E1886-13a
- ASTM E330-02
- ASTM E283-04
- ASTM E331-00

Referenced Data:

1. Product Testing performed by **Blackwater Testing Inc**
(FBC Organization # TST10394)
Report #: BT-ARI-17-001A1 Report Date: 01/25/19
Signing Engineer: Constantin Bortes, P.E., FL License #77915
2. Quality Assurance
National Accreditation Management Institute
(FBC Organization # QUA1789)
3. Material Certification
Miami-Dade County Notice of Acceptance
Kuraray America Inc. (Previously DuPont E.I. DuPont De Nemours & Co. Inc.)
SentryGlas Interlayer

Installation:

Refer to Installation Instructions (**PCI009**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**PCI009**) for design pressures, sizes, and configurations.

Hermes F. Norero, P.E.

Florida No. 73778

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