



BUILDING DROPS

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Certificate of Authorization: 29578

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Product Evaluation Report

of

Palm City Ironworks
“Outswing Wrought Iron Doors”
(HVHZ) (Impact)

for

Florida Product Approval

FL# FL16749

Report No. 7045

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Exterior Doors
Sub – Category:	Swinging Exterior Door Assemblies
Product:	Outswing Wrought Iron Doors
Material:	Steel
Product Dimensions:	Refer to installation instructions, PCI013

Prepared For:

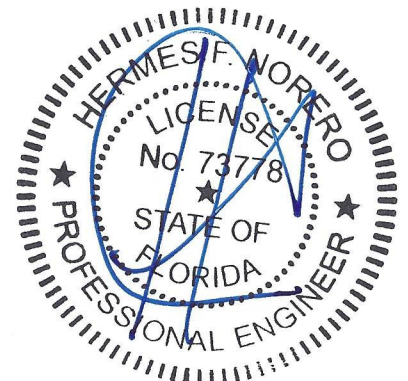
Palm City Ironworks
3160 Kutak Rd.
Fort Myers, Florida 33916

Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 08/13/2020

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



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FL#: **FL16749**

Date: 08/13/2020

Report No: 7045

Manufacturer: Palm City Ironworks

Product Category: Exterior Doors

Product Sub-Category: Swinging Exterior Door Assemblies

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

Product Name: Outswing Wrought Iron Doors
(HVHZ) (Impact)

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 **PCI013**, 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 **PCI013** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **PCI013** for size and design pressure limitations.



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Quality Assurance: The manufacturer has demonstrated compliance 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 tested per:

- TAS 201-94
- TAS 202-94
- TAS 203-94

Referenced Data:

1. Product Testing performed by **Element Materials Technology** (FBC Organization #: TST9778)
Report #: ESP010866P, Report Date: 10/25/2013
Signed and Sealed by: Ramesh C. Patel, P.E. FL # 20224
2. Product Testing performed by **Blackwater testing, Inc.** (FBC Organization #: TST10394)
Report #: BT-PCI-20-001, Report Date: 07/28/2020
Signed and Sealed by: Constantin Bortes, P.E. FL # 77915
3. Quality Assurance Entity
National Accreditation & Management Institute
(FBC Organization #QUA1789)
4. Material Certification
Miami-Dade County Notice of Acceptance
Current NOA For Sentryglas Interlayer by Kurary America, Inc.
5. Material Certification
Miami-Dade County Notice of Acceptance
Current NOA For Trosifol PVB Interlayer by Kurary America, Inc.

Installation:

Refer to Installation Instructions (**PCI013**) for anchor spacing, and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**PCI013**) for design pressures and product sizes.

Hermes F. Norero, P.E.

Florida No. 73778

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