



BUILDING DROPS

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Certificate of Authorization: 29578

398 E. Dania Beach Blvd.
Suite 338
Dania Beach, FL 33004
954.399.8478 PH
954.744.4738 FX
contact@buildingdrops.com

Product Evaluation Report

of

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

for

Florida Product Approval

FL# FL16749

Report No. 6187

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Exterior Doors
Sub – Category:	Swinging Exterior Door Assemblies
Product:	<i>Outswing Wrought Iron Doors</i>
Material:	<i>Steel</i>
Product Dimensions:	<i>Refer to installation instructions, PCI001</i>

Prepared For:

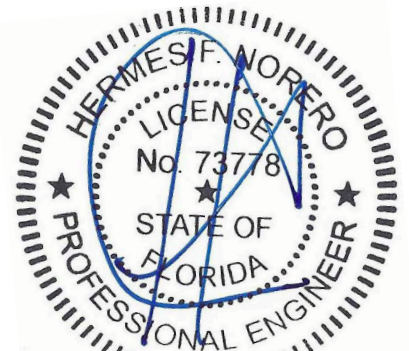
**Palm City Ironworks
3160 Kutak Rd.
Fort Myers, Florida 33916**

Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 03/29/19

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



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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

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 **PCI001**, 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 **PCI001** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **PCI001** for size and design pressure limitations.

Hermes F. Norero, P.E.

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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. Quality Assurance Entity
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 (**PCI001**) for anchor spacing, edge distance, substrate requirements and further details of the installation requirements.

Design Pressure:

All Configurations	
Positive	70.0 PSF
Negative	70.0 PSF

Hermes F. Norero, P.E.

Florida No. 73778

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