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Product Evaluation Report

of

Palm City Ironworks
Urban Series Outswing Narrow Stile Doors
(Non-HVHZ) (Impact)

for

Florida Product Approval

FL# FL27071

Report No. 6201

Current Florida Building Code

Method:	**1 – D (Engineering Evaluation)**
Category:	**Exterior Doors**
Sub – Category:	**Swinging Exterior Door Assemblies**
Product:	**Urban Series Outswing Narrow Stile Door**
Material:	**Steel**
Product Dimensions:	**See installation instructions, PCI003**

Prepared for:

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

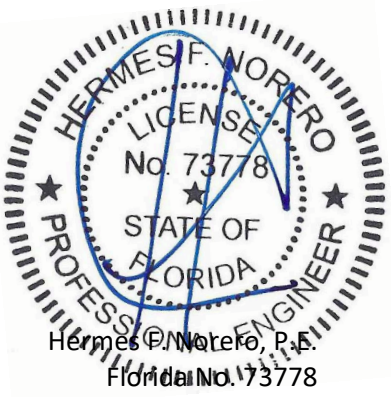
Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778

Date: 04/17/19

Contents:

Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2019.04.22 14:47:12 -04'00'



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

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: **Urban Series Outswing Narrow Stile Door (Impact) (Non-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 **PCI003**, 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.
4. Site conditions that deviate from the details of drawing **PCI003** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **PCI003** for size and design pressure limitations.

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-17-001B 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 (**PCI003**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**PCI003**) for design pressures, sizes, and configurations.