



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

Product Evaluation Report

of

**Plyco Corporation
Series 20EV Glazed Steel Outswing Door
(Non-HVHZ) (Non-Impact)**

for

Florida Product Approval

FL# FL15336

Report No. 8806

Current Florida Building Code

**Method: 1 – A (Certification)
Category: Exterior Doors
Sub – Category: Swinging Exterior Door Assemblies**

**Product: Series 20EV Glazed Steel Outswing Door
Materials: Aluminum 6063-T5 & CS-B Steel
Product Dimensions: See Installation Instructions, PCO009**

Prepared for:

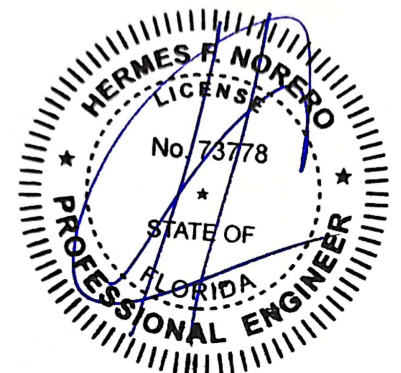
**Plyco Corporation
P.O. Box 386
500 Industrial Lake Road
Elkhart Lake, WI 53020**

Prepared by:

**Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 9/7/2023**

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

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Manufacturer: Plyco Corporation

Product Category: Exterior Doors

Product Sub-Category: Swinging Exterior Door Assemblies

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

Product Name: Series 20EV Glazed Steel Outswing Door
(Non-HVHZ) (Non-Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Plyco Corporation** based on **Method 1a** of the State of Florida Product Approval, 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 **PCO009**, 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 require** an impact resistant covering.
4. Site conditions that deviate from the details of drawing **PCO009** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **PCO009** for size and design pressure limitations.

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Certification Agency: The manufacturer has demonstrated compliance of products in Accordance with the Florida Building Code and State Rules for manufacturing under a quality assurance program audited by an approved quality assurance entity through **National Accreditation & Management Institute, Inc.** (FBC Organization #: CER1773)

Performance Standards: The product described herein has been evaluated per:

- AAMA/WDMA/CSA 101/I.S.2/A440-17
- ASTM E330-14
- ASTM E331-00(16)

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc.** (FBC Organization # TST4120)
Report #: B3202.02-602-44 R1, Report Date: 01/19/12
Report #: B3202.02-602-44 R2, Report Date: 08/07/12
2. Product Testing performed by **Element Wausau** (FBC Organization # TST2613)
Report #: ESP031518P-2458.2, Report Date: 07/26/19
Report #: ESP031518P-2458.6, Report Date: 07/29/19
3. Certification Agency
National Accreditation & Management Institute
(FBC Organization # CER1773)

Installation:

Refer to Installation Instructions (**PCO009**) for anchor types, spacing, and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**PCO009**) for design pressure configurations.