**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*

**Trinity Glass International**
**"8'0" Opaque Fiberglass Door Inswing/Outswing"**
**(Non-Impact)**

***for***

**Florida Product Approval**
**FL# FL20867**
**Report No. 4423**

**Current Florida Building Code**

| | |
|---|---|
| **Method:** | **1 – D (Engineering Evaluation)** |
| **Category:** | **Exterior Door** |
| **Sub – Category:** | **Swinging Exterior Door Assemblies** |

| | |
|---|---|
| **Product:** | ***Opaque Fiberglass Door Inswing/Outswing*** |
| **Material:** | **Fiberglass** |
| **Product Dimensions:** | ***See Installation Instructions, FL-20867.6*** |

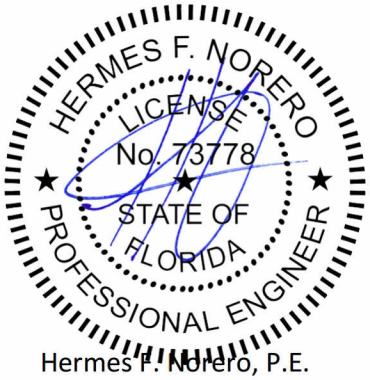
**Prepared For:**
**Trinity Glass International**
**33625 1st Way S**
**Federal Way, WA 98003**

**Prepared by:**
**Hermes F. Norero, P.E.**
Florida Professional Engineer # 73778
Date: 07/25/2016

Contents:



Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2016.08.26 14:43:22 -04'00'




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

# BUILDING DROPS

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Date: 07/25/2016
Report No: 4423

| | |
|---|---|
| **Manufacturer:** | **Trinity Glass International** |
| **Product Category:** | Exterior Door |
| **Product Sub-Category:** | Swinging Exterior Door Assemblies |
| **Compliance Method:** | State Product Approval Method (1)(d) |
| **Product Name:** | **Opaque Fiberglass Door Inswing/Outswing** (Non-Impact) |

**Scope:** This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Trinity Glass International** 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 **FL-20867.6**, 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 require an impact resistant covering.
4. Site conditions that deviate from the details of drawing **FL-20867.6** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **FL-20867.6** for size and design pressure limitations.

**Quality Assurance:** The manufacturer has demonstrated compliance in Accordance with the Florida Building Code and Florida Product Approval system 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 202-94
- ASTM 283-04
- ASTM E330-02
- ASTM E331-00
- AAMA 1304-02

**Referenced Data:**

1. Product Testing performed by **Architectural Testing, Inc.**
   (FBC Organization # TST1910)
   Report #: D8467.01-106-18, Report Date: 01/23/2015
   Report #: D8467.02-106-18, Report Date: 01/23/2015

2. Product Testing performed by **Testing Evaluation Laboratories, Inc.**
   (FBC Organization # TST4317)
   Report #: TEL 01470437, Report Date: 11/30/2011
   Report #: TEL 01370210, Report Date: 12/21/2009
   Report #: TEL 01370046, Report Date: 07/10/2008

3. Product Testing performed by **ETC Laboratories**
   (FBC Organization # TST2411)
   Report #: ETC-05-781-16179.0, Report Date: 12/21/2005
   Report #: ETC-05-781-16208.0, Report Date: 12/21/2005
   Report #: ETC-05-781-17122.0, Report Date: 10/19/2005
   Report #: ETC-05-756-10828.0, Report Date: 12/31/2001

**Installation:**

Refer to Installation Instructions (**FL-20867.6**) for anchor spacing and more details of the installation requirements.

**Design Pressure:**

Refer to Installation Instructions (**FL-20867.6**) for design pressures based on size, configuration, and glass types.

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