



BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

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Product Evaluation Report *of*

Trinity Glass International
“6’8” Opaque Fiberglass Door Outswing”
(Impact)

for

Florida Product Approval
FL# FL20867
Report No. 4419

Current Florida Building Code

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

Product: *Opaque Fiberglass Door Outswing*
Material: Fiberglass
Product Dimensions: *See Installation Instructions, FL-20867.2*

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

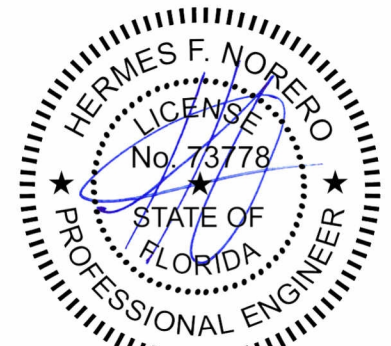
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Digitally signed by Hermes F. Norero, P.E.

Reason: I am approving this document

Date: 2016.08.26 14:51:10 -04'00'



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



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Date: 07/25/2016

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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 Outswing
(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-20867.2**, 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 **FL-20867.2** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **FL-20867.2** for size and design pressure limitations.

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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 201-94
- TAS 202-94
- TAS 203-94
- 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 #: F5877.01-109-18, Report Date: 04/12/2016
Report #: F7081.01-109-18, Report Date: 05/12/2016
Report #: F8603.01-109-18, Report Date: 05/27/2016
Report #: B5950.01-106-18, Report Date: 08/29/2012
Report #: C3995.01-106-18, Report Date: 12/10/2012
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 06-0918-2, Report Date: 10/10/2006
Report #: TEL 01370079, Report Date: 12/05/2008
Report #: TEL 01370210, Report Date: 12/21/2009
Report #: TEL 01470437, Report Date: 11/30/2011
Report #: TEL 04251336, Report Date: 05/05/2015
Report #: TEL 02010411, Report Date: 10/11/2011
Report #: TEL 02010412, Report Date: 10/11/2011
Report #: TEL 08-01370020, Report Date: 06/10/2008
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

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Installation:

Refer to Installation Instructions (**FL-20867.2**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**FL-20867.2**) for design pressures based on size, configuration, and glass types.

Hermes F. Norero, P.E.

Florida No. 73778

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