



1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

Product Evaluation Report

of

**Downey Glass
DG-100 Series Entrance Door
(HVHZ) (Impact)**

for

Florida Product Approval

FL# FL46939

Report No. 9305

Current Florida Building Code

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

Product: DG-100 Series Entrance Door
(HVHZ) (Impact)

Materials: Aluminum 6063-T6

Product Dimensions: See Installation Instructions, DWG014

Prepared for:

**Downey Glass
1100 NW 15th Ave.
Pompano Beach, FL 33069**

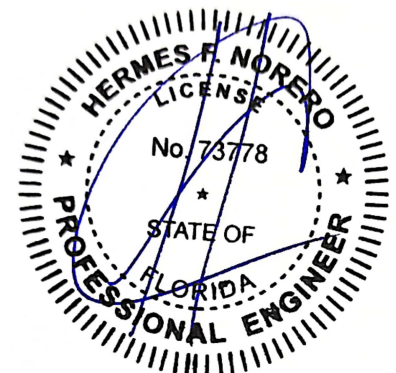
Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 8/20/2024

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
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Hermes F. Norero, P.E.
Florida P.E. No. 73778

1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

Manufacturer: Downey Glass

Product Category: Exterior Doors

Product Sub-Category: Swinging Exterior Door Assemblies

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

Product Name: DG-100 Series Entrance Door
(HVHZ) (Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Downey Glass** 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 **DWG014**, 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 26 of the current edition of the Florida Building Code and **does not** require impact resistant covering in areas requiring Impact Resistance.
3. Site conditions that deviate from the details of installation instructions **DWG014** require further engineering analysis by a licensed engineer or registered architect.
4. See Installation Instructions **DWG014** for size and design pressure limitations.

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Certification Agency: The manufacturer has demonstrated compliance of manufacturer of products in accordance with the Florida Building Code for manufacturing under an approved certification agency through **National Accreditation & Management Institute, Inc.** (FBC Organization # CER1773)

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

- TAS 201-94
- TAS 202-94
- TAS 203-94
- ASTM E1886-19
- ASTM E1996-20

Referenced Data:

1. Product Testing performed by **Blackwater Technical Services Inc.**
(FBC Organization # TST10394)
Report #: BT-DGG-23-001
TAS Report Signed and Sealed by Michael D Caldwell P.E. #49979
Report Date: 03/11/2024
2. Material Certification
Miami-Dade County Notice of Acceptance
Kuraray America
Trosifol PVB Interlayer

Installation:

Refer to Installation Instructions (**DWG014**) for anchor types, spacing, and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**DWG014**) for design pressure configurations.