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

Product Evaluation Report

of

Downey Glass
DG-800 Series Sliding Glass Door
(HVHZ) (Impact)

for

Florida Product Approval

FL# FL47273

Report No. 9654

Current Florida Building Code

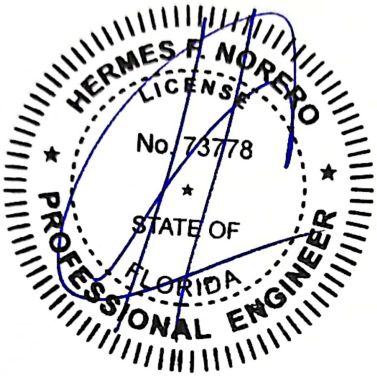
Method:	**1-D (Engineering Evaluation)**
Category:	**Exterior Doors**
Sub – Category:	**Sliding Exterior Door Assemblies**
Product:	**DG-800 Series Sliding Glass Door**
Materials:	**Aluminum 6063-T6**
Product Dimensions:	**See Installation Instructions, DWG016**

Prepared for:
Downey Glass
1100 NW 15th Ave.
Pompano Beach, FL 33069

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 1/29/2025

Contents:

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.02.06 15:07:26 -05'00'



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: Sliding Exterior Doors Assemblies

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

Product Name: **DG-800 Series Sliding Glass 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 1d 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 **DWG016**, 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 edition of the Florida Building Code and **does not** require impact resistant covering in areas requiring Impact Resistance.
4. Site conditions that deviate from the details of installation instructions **DWG016** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **DWG016** for size and design pressure limitations.

954.399.8478 954.744.4738
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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 and Management Institute** (FBC Organization # QUA1789).

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

- TAS 201-94
- TAS 202-94
- TAS 203-94

Referenced Data:

1. Product Testing performed by **Blackwater Testing, Inc,**
   (FBC Organization # TST10394)
   Report #: BT-CON-16-004 Report Date: 02/14/17
   Signed and Sealed by Constantin Bortes, FL PE No. 77915

2. Quality Assurance
   National Accreditation & Management Institute
   (FBC Organization #: QUA1789)

3. Material Certification
   Miami Dade RER - Product Control Section NOA
   Current NOA for Trosifol PVB Interlayer by Kuraray America

Installation:

Refer to Installation Instructions (**DWG016**) for anchor types, spacing, and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**DWG016**) for design pressure configurations.

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