



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

Product Evaluation Report

of

**Shwinco Architectural Products, LLC
Series 9750 Vinyl Sliding Glass Door
(WZ3) (Impact)**

for

Florida Product Approval

FL# FL42100

Report No. 9564

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Exterior Doors
Sub – Category:	Sliding Exterior Door Assemblies
Product:	Series 9750 Vinyl Sliding Glass Door
Materials:	Extruded Rigid PVC
Product Dimensions:	See Installation Instructions, SWD064

Prepared for:

**Shwinco Architectural Products, LLC
171 Jet Services Way
Dothan, AL 36303**

Prepared by:

Hermes F. Norero, P.E.

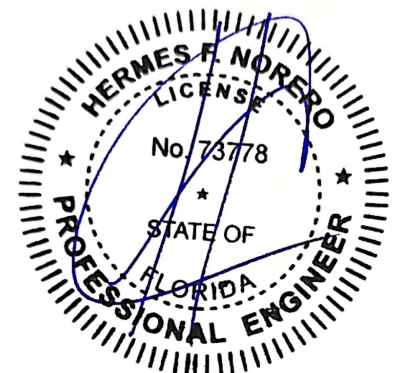
Florida Professional Engineer # 73778

Date: 03/14/2024

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.12.18 10:21:30 -05'00'



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

Manufacturer: Shwinco Architectural Products, LLC

Product Category: Exterior Doors

Product Sub-Category: Sliding Exterior Door Assemblies

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

Product Name: Series 9750 Vinyl Sliding Glass Door
(WZ3) (Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Shwinco Architectural Products, LLC** 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 **SWD064**, 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 not require** an impact resistant covering in Wind Zone 3 or less.
4. 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 in Wind Zone 4.
5. Site conditions that deviate from the details of installation instructions **SWD064** require further engineering analysis by a licensed engineer or registered architect.
6. See Installation Instructions **SWD064** for size and design pressure limitations.

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:

- AAMA/WDMA/CSA 110/I.S.2/A440-17
- ASTM E283-19
- ASTM E330-14(21)
- ASTM E331-00(16)
- ASTM E1886-19
- ASTM E1996-20

Referenced Data:

1. Product Testing performed by **National Certified Testing Laboratories**
(FBC Organization # TST1589)
Report #: NCTL-210-3532-3, Report Date: 10/20/2008
Report #: NCTL-210-4215-1, Report Date: 04/26/2021
2. Product Testing performed by **Architectural Testing, Inc. (an Intertek company) - Lithia Springs, GA / Atlanta**
(FBC Organization # TST3892)
Report #: N7413.01-550-18, Report Date: 01/18/2023
Report Signed and Sealed by Tanya A. Dolby, FL PE No. 93536
3. Product Testing performed by **UL LLC**
(FBC Organization # TST9628)
Report #: SV31355-20190517-Report-A, Report Date: 07/02/2019
Report Signed and Sealed by Alexis Spyrou, FL PE No. 68101
4. Material Certification
Miami-Dade County Notice of Acceptance
Eastman Chemical Company (Previously Solutia)
Saflex Storm Interlayer

Installation:

Refer to Installation Instructions (**SWD064**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**SWD064**) for design pressures based on size, configuration, and glass types.

Equivalency Statement:

The below test standards have been evaluated for differences in test methodology, if any, between tested editions of the test standards and those editions referenced in the Current Florida Building Code. Shwinco Architectural Products, LLC has tested their products to the following test standard edition(s):

- 1) AAMA/WDMA/CSA 110/I.S.2/A440-05/11
- 2) ASTM E283-04(12)
- 3) ASTM E330-14
- 4) ASTM E1886-02/05/12/13a
- 5) ASTM E1996-02/05/12a/14a

Chapter 35 of the current Florida Building Code references the following editions of the above mentioned test standards:

- 1) AAMA/WDMA/CSA 110/I.S.2/A440-17
- 2) ASTM E283-19
- 3) ASTM E330-14(21)
- 4) ASTM E1886-19
- 5) ASTM E1996-20

After review of the above mentioned referenced standards and editions, it has been found that the results and tests carried out meet the requirements for compliance with the standard editions referenced within the Current Florida Building Code. All referenced standards have been found to be equivalent.