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Product Evaluation Report

of

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

for

Florida Product Approval

FL# FL30505

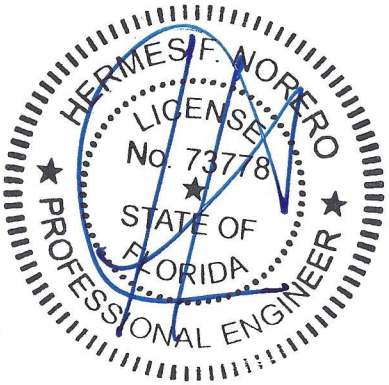
Report No. 8376

Current Florida Building Code

Method:	**1 – A (Certification)**
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, SWD062**

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: 02/23/2023



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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.03.28 13:41:29 -04'00'

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)(a)

Product Name: **Series 9750 Vinyl Sliding Glass Door (HVHZ) (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 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 **SWD062**, 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 installation instructions **SWD062** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **SWD062** for size and design pressure limitations.

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Certification Agency:

The manufacturer has demonstrated compliance of manufacture 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:

- ASTM E283-04(12)
- ASTM E330-14
- ASTM E331-00(09)
- TAS 201-94
- TAS 202-94
- TAS 203-94

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc. (an Intertek company) - Lithia Springs, GA / Atlanta**
   (FBC Organization # TST3892)
   Report #: N7413.01-550-18, Report Date: 12/18/09
   Report Signed and Sealed by Tanya A. Dolby, FL PE No. 93536

2. Material Certification
   Miami-Dade County Notice of Acceptance
   Eastman Chemical Company (Previously Solutia)
   Saflex Storm Interlayer

Installation:

Refer to Installation Instructions (**SWD062**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**SWD062**) for design pressures based on size, configuration, and glass types.

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Equivalence of Test Standards:

Various test standards have been evaluated for differences in test methodology, if any, between tested editions of the test standards listed below 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) ASTM E331-00(16)

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

1) ASTM E331-00(09)

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. All referenced standards have been found to be equivalent.

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