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Product Evaluation Report

of

Silver Line Building Products

**V1 Series/50 Series Gliding Patio Door (5502HV/5702HV)
(HVHZ) (NON-IMPACT)**

for

Florida Product Approval

FL# FL20101

Report No. 7301

Current Florida Building Code

Method: 1 – A (Certificate)

Category: Exterior Doors

Sub – Category: Sliding Exterior Door Assemblies

Product: V1 Series/50 Series Gliding Patio Door
(5502HV/5702HV)

Material: PVC

Product Dimensions: See Installation Instructions, SWD003

Prepared for:

Silver Line Windows and Doors

One Silverline Dr.

North Brunswick, NJ 08902

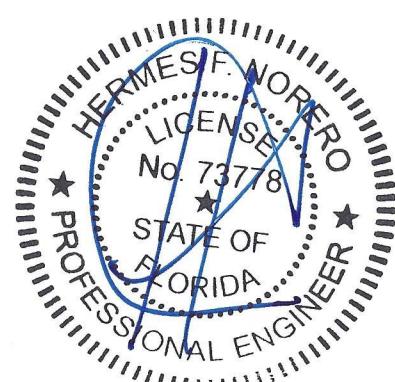
Prepared by:

Hermes F. Norero, P.E.

Florida Professional Engineer # 73778

Date: 10/15/2020

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



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FL#: **FL20101**

Date: 10/15/20

Report No: 7301

Manufacturer: **Silver Line Windows and Doors**

Product Category: Exterior Doors

Product Sub-Category: Sliding Exterior Door Assemblies

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

Product Name: **V1 Series/50 Series Gliding Patio Door (5502HV/5702HV)
(HVHZ) (NON-IMPACT)**

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Silver Line Windows and Doors** based on Method 1a 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 **SWD003**, 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 require an impact resistant covering.
4. Site conditions that deviate from the details of Installation Instructions **SWD003** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **SWD003** for size and design pressure limitations.

Hermes F. Norero, P.E.

Florida P.E. No. 73778

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Certification Agency:

The manufacturer has demonstrated compliance of products in accordance with the current Florida Building Code for manufacturing under a Certification Agency through **Window and Door Manufacturers Association** (FBC Organization #: CER1508).

Performance Standards:

The product described herein has been evaluated per:

- AAMA/WDMA/CSA 101/I.S.2/A440-11
- TAS 202-94

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc.**
(FBC Organization # TST1558)
Report: F3692.01-109-18-R0 Dated: 02/09/16
TAS Report Signed and Sealed by: Joseph Reed, FL PE 58920
F3692.02-109-44-R0 01/21/16
2. Certification Agency
Window and Door Manufacturers Association
(FBC Organization #: CER1508)
3. PVC profiles meet requirements of WDMA/HallMark WD-61 in accordance with AAMA 303

Installation Method: Please refer to installation instructions, **SWD003**, for anchor methods, selection, spacing, edge distances, embedment's and further details of installation.

Design Pressure: Please refer to installation instructions, **SWD003**, for mull combination grouping, configurations, and corresponding design pressures.