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Product Evaluation Report

of

Aviglass S.A de C.V
Seicento Forte Minimal
Sliding Glass Door
(Impact) (Wind Zone 3)

for

Florida Product Approval

FL# FL31767

Report No. 6581

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Exterior Doors
Sub – Category:	Sliding Exterior Door Assemblies
Product:	Seicento Forte Minimal Sliding Glass Door
Material:	6005-T5, 6005-T6 & 6063-T5 Aluminum
Product Dimensions:	See Installation Instructions, AVI003

Prepared for:

Aviglass S.A de C.V
Maiz 180-2, Granjas Esmeralda,
Iztapalapa, 09810, Ciudad de México, Mexico

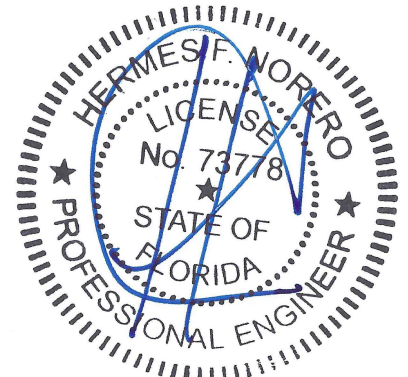
Prepared By:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 02/06/2020

Contents:

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Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2020.04.09 23:14:22 -04'00'



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



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Date: 02/06/2020

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Manufacturer: Aviglass S.A de C.V

Product Category: Exterior Doors

Product Sub-Category: Sliding Exterior Door Assemblies

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

Product Name: Seicento Forte Minimal Sliding Glass Door
(Impact)(Wind Zone 3)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Aviglass S.A de C.V** based on Method 1d of the Florida Product Approval System, 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 **AVI003**, signed and sealed by Hermes F. Norero (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 **AVI003** require further engineering analysis by a licensed engineer or registered architect.
6. See Installation Instructions **AVI003** for size and design pressure limitations.

Hermes F. Norero, P.E.
Florida No. 73778
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Quality Assurance:

The manufacturer has demonstrated compliance of products in accordance with the Florida Building Code for manufacturing under an approved quality assurance program audited through **National Accreditation and Management Institute** (FBC Organization #: QUA1789).

Performance Standards:

The product described herein has been tested per:

- AAMA/WDMA/CSA 101/I.S.2/A440-11
- ASTM E1886-12
- ASTM E1996-13

Referenced Data:

1. Product Testing performed by **PRI Construction Materials Technologies LLC** (FBC Organization # TST5878)
Report #: 2117T0001 Report Date: 01/10/2020
Signed and sealed by Zachary Priest, P.E. FL# 74021
2. Material Certification
Miami-Dade County RER – Notice of Acceptance
Current NOA for Sentryglas by Kuraray America

Installation:

Refer to Installation Instructions (**AVI003**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**AVI003**) for design pressures based on size and configuration.