SLM ENGINEERS
Structural Engineers | Welding inspectors | Steel specialists
10740 NW 17th St, Plantation, FL 33322

Date: 10/10/2020

PRODUCT EVALUATION REPORT.

Florida Product Approval: FL21413

Product Manufacturer: Continental Glass Systems Inc.
325 West 74th Place
Hialeah, FL 33014

Product Category: Windows

Product Sub-Category: Fixed

Product Name: Series 3000 Fixed Window Wall- SMI
(Impact)
50" x 119.5" (Unlimited Multiple Unit Width)

Building Code: Florida Building Code, 7th Edition (2020), Chapter 16 & 24

Scope:

This is a Product Evaluation Report issued by Soumel Loriga, P.E. (FL # 77736) for Continental Glass Systems Inc. based on Method la of the State of Florida Product Approval, Department of Business and Professional Regulation - Florida Building Commission.

Soumel Loriga, 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 FL21413 - 3000 SERIES SMI 10-10-20 SS, signed and sealed by Soumel Loriga, P.E. (FL # 77736) 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.

Limits of Use (Cont.:)

4. Site conditions that deviate from the details of drawing FL21413 - 3000 SERIES SMI 10-10-20 SS require further engineering analysis by a licensed engineer or registered architect.

5. See Installation Instructions FL21413 - 3000 SERIES SMI 10-10-20 SS for size and design pressure limitations.

Performance Testing Standards:

The product described herein has been tested per:

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

Quality Assurance:

The manufacturer has demonstrated compliance of products in accordance with the Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through National Accreditation & Management Institute (FBC Organization # CER 1773)

Reference Data:

1. Product Testing performed by Fenestration Testing Laboratories.
(FBC Organization # TST1657)
Report #: FTL-4728, Report Date: 10/07/05

2. Product Testing performed by Blackwater Testing Inc.
(FBC Organization # TST10394)
Report #: BT-CON-16-007, Report Date: 11/18/16

4. Material Certification
Miami-Dade County RER-Product Control Section NOA
Saflex PVB Interlayer by Eastman Chemical Co.

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Installation: Through Frame Installation:

A. For concrete or masonry substrate (min. 3515 psi compressive strength), use 5/16" diameter Elco Ultracon or Dewalt UltraCon concrete screw anchors of sufficient length to achieve minimum embedment of 1.75" into concrete or masonry.

Refer to Installation Instructions (FL21413 - 3000 SERIES SMI 10-10-20 SS) for anchor spacing and more details of the installation requirements.

Design Pressure: Refer to Installation Instruction drawings for allowable wind pressures.

Please call or email with any questions

SOUMEL LORIGA
LICENSE
No. 77736
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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Soumel Loriga

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Respectfully,

Soumel Loriga, P.E.
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