



BUILDING DROPS

A Perfect Solution in Every Drop
Certificate of Authorization: 29578

398 East Dania Beach Blvd.
Suite 338
Dania Beach, FL 33004
954.399.8478 PH
954.744.4738 FX
contact@buildingdrops.com

Product Evaluation Report

of

**Continental Glass Systems, LLC.
Series 3020 Window Wall – LMI & SMI**

for

Florida Product Approval

FL# FL23314

Report No. 4841

Current Florida Building Code

Method:	1 – A (Certificate Method)
Category:	Windows
Sub – Category:	Fixed
Product:	Series 3020 Window Wall LMI & SMI
Material:	Aluminum 6005-T5
Product Dimensions:	154" x 120" Max

Prepared for:

**Continental Glass Systems, LLC.
325 W. 74th Place
Hialeah, FL 33014**

Prepared By:

Hermes F. Norero, P.E.

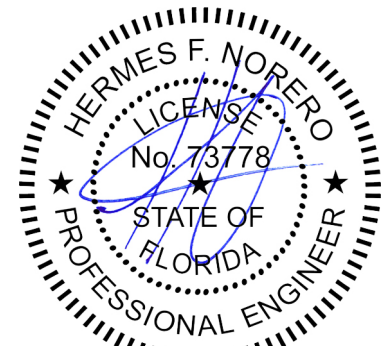
Florida Professional Engineer # 73778

Date: 09/29/2017

Contents:

Evaluation Report

Pages 1 – 4



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



BUILDING DROPS

A Perfect Solution in Every Drop
Certificate of Authorization: 29578

FL#: **FL23314**
Date: 9/29/2017
Report No: 4841

Manufacturer: Continental Glass Systems, LLC.

Product Category: Windows

Product Sub-Category: Fixed

Compliance Method: State Product Approval Method 1a

Product Name: Series 3020 Window Wall - LMI & SMI

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Continental Glass Systems, 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 Florida Building Code.

See Installation Instructions **CGS159**, 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 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 Florida Building Code and does not require an impact resistant covering.
4. Site conditions that deviate from the details of drawing **CGS159**, require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **CGS159**, for size and design pressure limitations.



BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

FL#: **FL23314**

Date: 9/29/2017

Report No: 4841

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

Performance Standards: The product described herein has been tested and evaluated per:

- TAS 201-94
- TAS 202-94
- TAS 203-94
- AAMA 501-05

Referenced Data:

1. Product Testing performed by **Blackwater Testing, Inc.**
(FBC Organization #: TST10394)
Report #: BT-CON-16-003, Report Date: 03/07/2017
Signed and Sealed by Constantin Bortes, FL PE No. 77915
2. Certification Agency
National Accreditation & Management Institute
(FBC Organization #: CER1773)
3. Material Certification
Miami Dade RER - Product Control Section NOA
Current NOA for Butacite PVB Interlayer by Kuraray America

Installation: 1. Approved anchor types and substrates are as follows:

Through Frame Installation:

- A. For installation into wood framing use **5/16-inch diameter Elco Ultracon Screws** of sufficient length to achieve 1 ½-inch minimum embedment.
- B. For Installation through 1X buck to concrete/masonry or directly into concrete/masonry, use **5/16-inch diameter Elco Ultracon Screws** of sufficient length to achieve 1 ½-inch minimum embedment.

Refer to Installation Instructions (**CGS159**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**CGS159**) for allowable design pressures, sizes, and reinforcing requirements.