



398 E DANIA BEACH BLVD. SUITE 338, DANIA BEACH, FL 33004

Product Evaluation Report

of

**Countryside Glass & Mirror, Inc.
Armor Wall Single Span Curtain Wall System - CS3000
(WZ3) (Impact)**

for

Florida Product Approval

FL# FL31183

Report No. 8058

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Panel Walls
Sub – Category:	Curtain Wall
Product:	Armor Wall Single Span Curtain Wall System - CS3000
Materials:	Aluminum 6063-T5
Product Dimensions:	See Installation Instructions, CGM009

Prepared for:

**Countryside Glass & Mirror, Inc.
2650 Gandy Blvd North.
St. Petersburg, FL 50265**

Prepared by:

Hermes F. Norero, P.E.

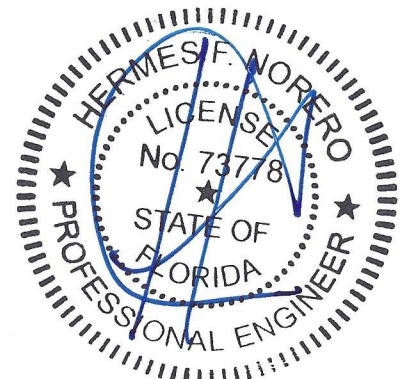
Florida Professional Engineer # 73778

Date: 12/20/2022

Contents:

Evaluation Report Pages 1 – 3

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2022.12.20 15:48:22 -05'00'



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

398 E DANIA BEACH BLVD. SUITE 338, DANIA BEACH, FL 33004

Manufacturer: Countryside Glass & Mirror, Inc.

Product Category: Panel Walls

Product Sub-Category: Curtain Wall

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

Product Name: **Armor Wall Single Span Curtain Wall System - CS3000
(Wind Zone 3) (Impact)**

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Countryside Glass & Mirror, Inc.** based on Method 1d 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 **CGM009**, 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, 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 drawing **CGM009** require further engineering analysis by a licensed engineer or registered architect.
6. See Installation Instructions **CGM009** for size and design pressure limitations.

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 #: QUA1789).

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

- AAMA 501-15
- ASTM E283-04(12)
- ASTM E330-14
- ASTM E331-00(09)
- ASTM E1886-13a
- ASTM E1996-14a

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc. - West Palm Beach (an Intertek company)**
(FBC Organization # TST1527)
Report #: I6236.01-450-32 R0, Report Date: 04/16/19
Report #: N1633.01-450-32 R0, Report Date: 06/07/22
2. Quality Assurance
National Accreditation and Management Institute, Inc.
(FBC Organization #: QUA1789)

Installation:

Refer to Installation Instructions (**CGM009**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**CGM009**) for design pressures dependent on size options.