



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

Product Evaluation Report

of

**Countryside Glass & Mirror, Inc.
CS5100 Storefront System
(WZ3) (Impact)**

for

Florida Product Approval

FL# FL40970

Report No. 8063

Current Florida Building Code

Method: 1 – D (Engineering Evaluation)
Category: Panel Walls
Sub – Category: Storefronts

Product: CS5100 Storefront System
Materials: Aluminum
Product Dimensions: See Installation Instructions, CGM007

Prepared For:

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

Prepared by:

Hermes F. Norero, P.E.

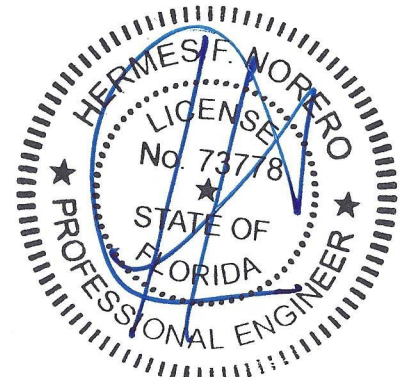
Florida Professional Engineer # 73778

Date: 6/14/2022

Contents:

Evaluation Report Pages 1 – 4

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2022.06.15 17:03:30 -04'00'



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: Storefronts

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

Product Name: CS5100 Storefront System
(WZ3) (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 **CGM007**, 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 Installation Instructions **CGM007** require further engineering analysis by a licensed engineer or registered architect.
6. See Installation Instructions **CGM007** 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 tested per:

- AAMA 501-15
- ASTM E1886-13a
- ASTM E1996-17
- ASTM E330-14
- ASTM E331-00(09)
- ASTM E283-04

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc. - West Palm Beach (an Intertek company)**
(FBC Organization # TST1527)
Report #: L9076.01-450-32-r0, Report Date: 02/14/22
Report #: N4584.01-450-32-r0, Report Date: 06/14/22
2. Quality Assurance
National Accreditation and Management Institute, Inc.
(FBC Organization #: QUA1789)

Installation:

Refer to Installation Instructions (**CGM007**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**CGM007**) for design pressures dependent on size options.

Equivalency Statement:

This document shall serve to state that the submitted products comply with Chapter 17 & 24 of the Florida Building Code for testing in accordance with AAMA 501-15 "Methods of Tests for Exterior Walls".

The testing on this product complies with the requirements specified within the AAMA 501-15 standard, as required by the Florida Building Code. This standard is listed under Chapter 35 of the current Florida Building Code and titled "Methods of Tests for Exterior Walls". At a minimum, AAMA 501-15 requires exterior wall systems be tested to ASTM E283, ASTM E330 and ASTM E331 test standards.

YKK AP has successfully tested their products to ASTM E283, ASTM E330, and ASTM E331 in accordance with the test requirements set forth within the applicable test standard. All test methods and procedures may be considered equivalent or better than those in AAMA 501-15.

All test results meet or exceed requirements of the current Florida Building Code.