



1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

Product Evaluation Report

of

Sentech Architectural Systems, LLC
Butt-Glazed Curtain Wall 21mm Curtain Wall with 39mm Glass Fin
(WZ3) (Impact)

for

Florida Product Approval

FL# FL47422

Report No. 9651

Current Florida Building Code

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

Product: Butt-Glazed Curtain Wall 21mm Curtain
Wall with 39mm Glass Fin

Materials: Aluminum 6063-T5

Product Dimensions: See Installation Instructions, SEN001

Prepared for:

Sentech Architectural Systems, LLC
4421 Supply Court
Austin, TX 78744

Prepared by:

Hermes F. Norero, P.E.

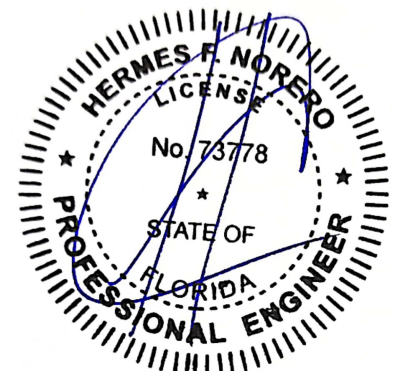
Florida Professional Engineer # 73778

Date: 4/14/2025

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.04.17 17:07:52 -04'00'



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

1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

Manufacturer: Sentech Architectural Systems, LLC

Product Category: Panel Walls

Product Sub-Category: Curtain Walls

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

Product Name: Butt-Glazed Curtain Wall 21mm Curtain Wall with 39mm Glass Fin (WZ3) (Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Sentech Architectural Systems, LLC** based on Method 1d 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 current Florida Building Code.

See Installation Instructions **SEN001**, 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 edition of the Florida Building Code and **does not** require impact resistant covering in areas rated for wind zone 3 or less.
4. When used in areas requiring wind borne debris protection this product complies with chapter 16 of the current edition of the Florida Building Code and **does** require impact resistant covering in areas rated for wind zone 4 or higher.
5. Site conditions that deviate from the details of installation instructions **SEN001** require further engineering analysis by a licensed engineer or registered architect.
6. See Installation Instructions **SEN001** for size and design pressure limitations.

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

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

- ASTM E330-14
- ASTM E283-04(12)
- ASTM E331-00(16)
- ASTM E1886-19
- ASTM E1996-20
- AAMA 501-15

Referenced Data:

1. Product Testing performed by **CONSTRUCTION RESEARCH LABORATORY, INC.** (FBC Organization # TST4281)
Report #: 7594-24 ASTM Report Date: 03/24/25
2. Quality Assurance
National Accreditation and Management Institute
(FBC Organization # QUA1789)

Installation: Refer to Installation Instructions (**SEN001**) for anchor types, spacing, and more details of the installation requirements.

Design Pressure: Refer to Installation Instructions (**SEN001**) for design pressure configurations.