



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

Product Evaluation Report

of

**Euro-Wall Systems, LLC
Euro-C3 BiFold Aluminum Door System
(WZ3) (Impact)**

for

Florida Product Approval

FL# FL17838

Report No. 7628

Current Florida Building Code

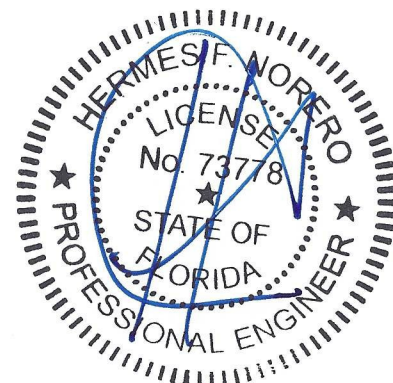
Method:	1 – D (Engineering Evaluation)
Category:	Exterior Doors
Sub – Category:	Swinging Exterior Door Assemblies
Product:	Euro-C3 BiFold Aluminum Door System
Materials:	Aluminum 6063-T5
Product Dimensions:	See Installation Instructions, EWS016

Prepared for:

**Euro-Wall Systems, LLC
24100 Tiseo Blvd.
Port Charlotte, FL 33980**

Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 06/07/2021



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



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

FL#: **FL17838**

Date: 06/07/2021

Report No: 7627

Manufacturer: Euro-Wall Systems, LLC

Product Category: Exterior Doors

Product Sub-Category: Swinging Exterior Door Assemblies

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

Product Name: Euro-C3 BiFold Aluminum Door System (WZ3) (Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) **Euro-Wall 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 **EWS016**, 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, **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 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 **EWS016** require further engineering analysis by a licensed engineer or registered architect.
6. See Installation Instructions **EWS016** for size and design pressure limitations.

 954.399.8478

 954.744.4738

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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 & Management Institute, Inc.** (FBC Organization # QUA1789).

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

- ASTM C864-05
- ASTM E1886-13a
- ASTM E1996-17
- TAS 201-94
- TAS 202-94
- TAS 203-94

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc.**
(FBC Organization #: TST4311)
Report #: C4820.04-401-18, Report Date: 06/18/13
Report #: C5958.01-401-18, Report Date: 06/18/13
Reports signed and sealed by Shawn G. Collins, FL P.E. No. 70655
2. Product Testing performed by **Blackwater Testing, Inc.**
(FBC Organization #: TST10394)
Report #: BT-CON-15-001, Report Date: 05/19/15
Report #: BT-EUW-15-001, Report Date: 05/19/15
Report #: BT-EUW-16-002A
Report #: BT-EUW-16-002A_S
Reports signed and sealed by Yamil Kuri, FL P.E. No. 44726

Report #: BT-EUW-21-002, Report Date: 06/11/21
Reports signed and sealed by Michael D. Caldwell, FL P.E. No. 49979
3. Product Testing performed by **Intertek - West Palm Beach (an ATI company)**
(FBC Organization #: TST1527)
Report #: 1002455458COQ-004A
Report #: 100244636COQ-002

4. Material Certification
Miami Dade County RER Notice Acceptance
Current NOA for SentryGlas Interlayer by Kuraray America, Inc.
5. Quality Assurance
National Accreditation & Management Institute, Inc.
(FBC Organization #: QUA1789)

Equivalence of Test Standards:

Various test standards have been evaluated for differences in test methodology, if any, between tested editions of the test standards listed below and those editions referenced in the current Florida Building Code. **Euro-Wall Systems, LLC** has tested their products to the following test standard edition(s):

- 1) ASTM E1886-08
- 2) ASTM E1996-08

Chapter 35 of the current Florida Building Code references the following editions of the above mentioned test standards:

- 1) ASTM E1886-13a
- 2) ASTM E1996-17

After review of the above mentioned referenced standards and editions, it has been found that the results and tests carried out meet the requirements for compliance. All referenced standards have been found to be equivalent.

Installation:

Refer to Installation Instructions (**EWS016**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**EWS016**) for design pressures based on size, configuration, and glass types.