

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

Product Evaluation Report

of

Euro-Wall, LLC
Euro-C3 BiFold Aluminum Door System
(HVHZ) (Impact)

for

Florida Product Approval

FL# FL17838

Report No. 7627

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

(HVHZ) (Impact)

Material: Aluminum 6063-T5

Product Dimensions: See Installation Instructions, EWS016

Prepared for:

Euro-Wall, LLC P.O. Box 8007 Nort Port, FL 34290

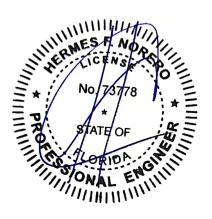
Prepared by:

Hermes F. Norero, P.E.

Florida Professional Engineer # 73778 Date: 6/16/2023

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Manufacturer: Euro-Wall, 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

(HVHZ) (Impact)

This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for Euro-Wall, LLC Scope:

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.
- 4. Site conditions that deviate from the details of installation instructions EWS016 require further engineering analysis by a licensed engineer or registered architect.
- 5. See Installation Instructions **EWS016** 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 & Management Institute (FBC Organization # QUA1789).

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

ASTM E1886-13a

ASTM E1996-17

TAS 201-94

TAS 202-94

TAS 203-94

ASTM C864-05

Referenced Data:

1. Product Testing performed by Architectural Testing, Inc.

(FBC Organization #: TST4311)

Report: Dated: C4820.04-401-18 06/18/13 C5958.01-401-18 06/18/13

Signed & Sealed by: Shawn G. Collins, FL P.E. No. 70655

2. Product Testing performed by Blackwater Testing, Inc.

(FBC Organization #: TST10394)

Report: Dated: 05/19/15 BT-CON-15-001 BT-EUW-15-001 05/19/15 BT-EUW-16-002A 09/20/16 BT-EUW-16-002A S 09/20/16

Signed & Sealed by Yamil Kuri, FL P.E. No. 44726

BT-EUW-21-002 06/11/21 BT-EUW-23-001 09/13/23

Signed & Sealed by: Michael D. Caldwell, FL P.E. No. 49979













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 Product Testing performed by Intertek - West Palm Beach (an ATI company) (FBC Organization #: TST1527)

Report: Dated: 100245458COQ-004A 09/08/11 100244636COQ-002 09/08/11

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, LLC** has tested their products to the following test standard edition(s):

- 1) ASTM E1886-05
- 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.