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Product Evaluation Report

of

Eurocraft Industries, Inc.
Series 76MD Vinyl Fixed Window
(HVHZ) (Impact)

for

Florida Product Approval

FL# FL27614

Report No. 7190

Current Florida Building Code

Method:	**1 – D (Engineering Evaluation)**
Category:	**Windows**
Sub – Category:	**Fixed**

Product:	**Series 76MD Vinyl Fixed Window**
Material:	**Vinyl U-PVC**
Product Dimensions:	**See Installation Instructions, ECI001**

Prepared For:
Eurocraft Industries, Inc.
7905 NW 77th Ave.
Medley, FL 33166

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 09/29/2020

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Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2020.10.11 12:58:10 +02'00'

HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

Manufacturer:	**Eurocraft Industries, Inc.**
Product Category:	Windows
Product Sub-Category:	Fixed
Compliance Method:	State Product Approval Method (1)(d)
Product Name:	**Series 76MD Vinyl Fixed Window**

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Eurocraft Industries, Inc.** based on Method 1d of the State of Florida Product Approval, Florida Department of Business & 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 **ECI001**, 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.
5. Site conditions that deviate from the details of Installation Instructions **ECI001** require further engineering analysis by a licensed engineer or registered architect.
6. See Installation Instructions **ECI001** 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 program audited by and approved by **National Accreditation & Management Institute** (FBC Organization #: **QUA1789**).

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

- AAMA/WDMA/CSA 101/I.S.2/A440-11
- ASTM E 1886-13
- ASTM E 1996-17
- TAS 201-94
- TAS 202-94
- TAS 203-94

Referenced Data:

1. Product Testing performed by National Certified Testing Laboratories.
   (FBC Organization # TST1589)
   Report: NCTL-210-4116-02 Report Date: 01/02/18
   Report: NCTL-210-4116-03 Report Date: 01/02/18
   Signed and sealed by Douglas McDougall, FL P.E. 28392

2. Quality Assurance
   National Accreditation & Management Institute
   (FBC Organization #: **CER1773**)

3. Material Certification
   Miami Dade County RER Notice Acceptance
   Current NOA for SentryGlas Interlayler by Kuraray America, Inc.

4. AAMA Fenestration Exterior Profile Certification Program
   PVC- AAMA 303, Profine- Koemmerling-PRO-6,
   Rigid Polyvinyl Chloride (PVC) Exterior Profiles.

Installation:

Refer to Installation Instructions (**ECI001**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**ECI001**) for design pressures and product sizes.

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. The manufacturer has tested their products to the following test standard edition(s):

1) ASTM E1886-05
2) ASTM E1996-05

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 no significant technical changes have been made to the test standards that would affect the results. All referenced standards have been found to be equivalent.