



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

## Product Evaluation Report

*of*

**3 Euro Windows Ltd.  
Premier 76 Tilt & Turn Windows  
(HVHZ) (Impact)**

*for*

**Florida Product Approval**

**FL# FL42118**

**Report No. 8418**

**Current Florida Building Code**

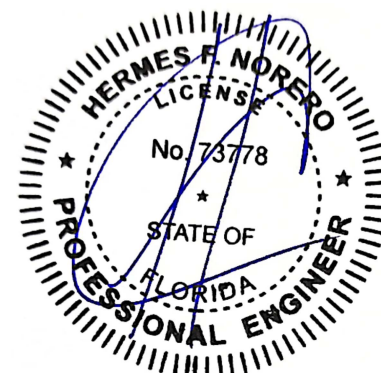
<b>Method:</b>	<b>1 – A (Certification Mark or Listing)</b>
<b>Category:</b>	<b>Windows</b>
<b>Sub – Category:</b>	<b>Dual Action</b>
<b>Product:</b>	<b>Premier 76 Tilt &amp; Turn Windows</b>
<b>Materials:</b>	<b>Extruded PVC</b>
<b>Product Dimensions:</b>	<b>See Installation Instructions, 3EW001</b>

**Prepared for:**

**3 Euro Windows Ltd.  
513 Edenbrook Pl  
Waterloo, Ontario, N2L 4N6**

**Prepared by:**

**Hermes F. Norero, P.E.**  
Florida Professional Engineer # 73778  
Date: 03/28/2023



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

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

**Manufacturer:** 3 Euro Windows Ltd.

**Product Category:** Windows

**Product Sub-Category:** Dual Action

**Compliance Method:** State Product Approval Method (1)(a)

**Product Name:** Premier 76 Tilt & Turn Windows (HVHZ) (Impact)

**Scope:** This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **3 Euro Windows Ltd.** based on Method 1a 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 **3EW001**, 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 **3EW001** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **3EW001** for size and design pressure limitations.

**Certification Agency:** The manufacturer has demonstrated compliance of manufacture of products in accordance with the Florida Building Code for manufacturing under an approved certification agency through **National Accreditation & Management Institute, Inc.** (FBC Organization # CER1773)

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

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

**Referenced Data:**

1. Product Testing performed by **UL Laboratory Canada Inc.** (FBC Organization # TST6679)  
Report #: AC-00485-A-1, Report Date: 03/17/2023  
Report Signed and Sealed by Alexis Spyrou, FL PE No. 68101
2. Material Certification  
**Miami-Dade County Notice of Acceptance**  
**Kuraray America, Inc. (Previously DuPont)**  
Trosifol PVB Interlayer
3. Material Certification  
PVC profiles meet requirements of **WDMA/HallMark** WD-61 in accordance with AAMA 303

**Installation:**

Refer to Installation Instructions (**3EW001**) for anchor spacing and more details of the installation requirements.

**Design Pressure:**

Refer to Installation Instructions (**3EW001**) for design pressures based on size, configuration, and glass types.

**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. **3 Euro Windows Ltd.** has tested their products to the following test standard edition(s):

- 1) ASTM E1886-19
- 2) ASTM E1996-20

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.