



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

Product Evaluation Report

of

**Quaker Window Products
Series 340 (E700) Frame With Impact Louver Insert
(WZ4) (Impact)**

for

Florida Product Approval

FL# FL15860

Report No. 9028

Current Florida Building Code

Method: 1 – D (Engineering Evaluation)
Category: Panel Walls
Sub – Category: Wall Louvers
Product: Series 340 (E700) Frame with Impact Louver Insert
Materials: Aluminum 6063-T6
Product Dimensions: See Installation Instructions, QWP019

Prepared for:

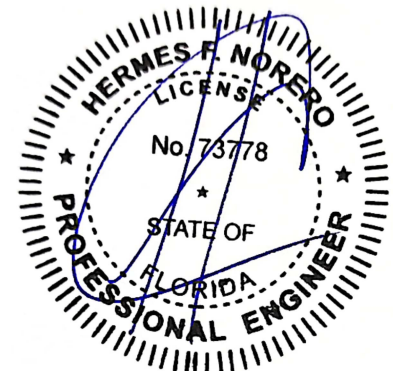
**Quaker Window Products
504 Highway 63 South
Freeburg, MO 65582**

Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 12/21/2023

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

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

Manufacturer: Quaker Window Products

Product Category: Panel Walls

Product Sub-Category: Wall Louver

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

Product Name: Series 340 (E700) Frame with Impact Louver Insert (WZ4) (Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Quaker Window Products** 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 **QWP019**, 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 Florida Building Code and **does not** require an impact resistant covering in Wind Zone 4 or less.
4. Site conditions that deviate from the details of Installation Instructions **QWP019** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **QWP019** for size and design pressure limitations.

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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. Quaker Windows Products has tested their products to the following test standard edition(s):

- 1) ASTM E1886-05
- 2) ASTM E330-97

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

- 1) ASTM E1886-13a
- 2) ASTM E330-14

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.