



BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

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Product Evaluation Report *of*

Quaker Window Products Co. Inc.

**“Series 340(E700)”
Fixed Window**

for
**Florida Product Approval
FL# FL**

Report No. 2129

**Florida Building Code 2010
Per Rule 9N-3**

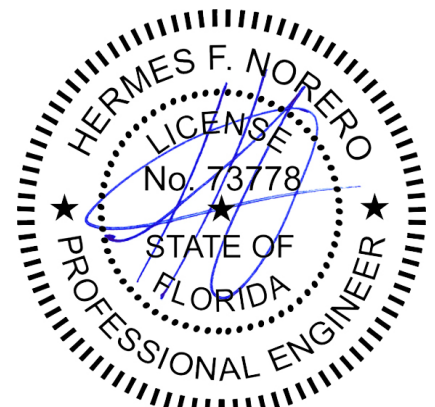
Method: 1 – D (Engineering Evaluation)
Category: Windows
Sub – Category: Fixed

Product: Series 340 (E700) Fixed Window
Material: 6063-T6 Aluminum
Product Dimensions: 72” x 77.625” Max. O.A.

Prepared For:
Quaker Window Products Co. Inc.
504 Highway 63 South
Freeburg, MO 65035

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 07/17/12

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



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Date: 07/17/12

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Manufacturer: Quaker Window Products Co. Inc.

Product Category: Windows

Product Sub-Category: Fixed

Compliance Method: State Product Approval Rule 9N-3.005 (1)(d)

Product Name: **Series 340 (E700) Fixed Window**
Max. 72" x 77.625" O.A.

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Quaker Window Products Co. Inc.** based on Rule Chapter No. 9N-3.005, Method 1d of the State of Florida Product Approval, Department of Community Affairs - 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 2010 Florida Building Code.

See Installation Instructions **QWP010**, 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 2010 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 Section 1609.1.2 of the 2010 Florida Building Code and **does not** require an impact resistant covering.
4. Site conditions that deviate from the details of drawing **QWP010** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **QWP010** for size and design pressure limitations.

Hermes F. Norero, P.E.

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Installation: 1. Approved anchor types and substrates are as follows:

- A. For 2x wood buck substrate (min. SG = 0.42), use **#10 Wood Screw** type installation anchors of sufficient length to achieve a minimum embedment of 1.50" into the wood substrate.
- B. For metal stud substrates, use **#10 Self-Drilling** type installation anchors of sufficient length to achieve a minimum 3 threads penetration beyond metal structure.

Refer to Installation Instructions (**QWP010**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Design Pressure	
Positive	50 PSF
Negative	50 PSF

Installation Method: Please refer to installation instructions, **QWP010**, for anchor methods, selection, spacing, and further details of installation.