

# TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104  
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## PRODUCT EVALUATION WIN-1805

Effective Date: October 1, 2013  
Reevaluation Date: **November 2016**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

**Series Emerge 700 (#395) Aluminum Horizontal Slider Window, Impact Resistant**, manufactured by

**Quaker Window Products**  
**Highway 63 South**  
**Freeburg, MO 65035**  
**Telephone: (651) 264-5150**  
**www.quakerwindows.com**

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series Emerge 700 (#395) Aluminum Horizontal Slider Window	CW-PG50 72x66; ASTM E 1886-05/E1996-05 AAMA 506-08	± 50 psf

### Product Dimensions:

System	Overall Size
1	72" x 66"

### Product Identification (Certification Agency Label on Window):

System	Certification Agency	NAMI
1	Manufacturer's Name or Code Name	Quaker Window Products Q-031
	Product Name	Series Emerge 700 (#395) Aluminum Horizontal Slider Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886-05/E1996-05; AAMA 506-08

### Impact Resistance:

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the <b>Inland I</b> and <b>Seaward zone</b> . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

**Installation:**

System		
1	Type of Installation	Through Frame
	Wall Framing	Wood (Spruce-Pine-Fir); Steel (18 gauge, 33 ksi)
	Fasteners	Wood: No. 8 wood screw; Metal #8 SMS or self drilling screws
	Fastener Location/Spacing	The windows shall be installed in strict accordance with this product evaluation report and Quaker Windows and Doors drawings QWP007, sheets 1 – 5 of 5, dated February 2, 2012, signed and sealed by Alexis Spyrou, P.E. on July 2, 2013.
	Fastener Penetration	Wood: Minimum of 1 ½ inches into the wall framing; Metal: Minimum 3 threads beyond structure interior wall.

**Note:** The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.