

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION
WIN-1801

Effective Date: October 1, 2013
Reevaluation Date: **April 2017**

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 395 (E700) Aluminum Horizontal Slider Window Mullled to Aluminum Louver, 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 395 (E700) Aluminum Horizontal Slider Window Mullled to Aluminum Louver	CW-PG50 72x66-HS; ASTM E 1886-05/E1996-05 AAMA 450-10	± 50 psf

Product Dimensions:

System	Overall Frame Size	Window Size	Louver Size
1	72" x 88 ³ / ₄ "	72" x 66"	72" x 19 ³ / ₄ "

Product Identification (Certification Agency Label on Window):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Quaker Window Products Q-031
	Product Name	Series Emerge 395 (E700) Aluminum Horizontal Slider Window Mullled to Louver
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886-05/E1996-05; AAMA 450-10

Impact Resistance:

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone . 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	Replacement – Through Frame
	Wall Framing	Wood (Spruce-Pine-Fir); Steel (18 gauge, 33 ksi); Aluminum (6063-T5, minimum 1/8" thick)
	Fasteners	Wood: No. 10 wood screw; Metal #10 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 QWP006, sheets 1 – 6 of 6, dated February 16, 2012, signed and sealed by Alexis Spyrou, P.E. on August 2, 2013.
	Fastener Penetration	Wood: Minimum of 1 1/2 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.