

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION WIN-1201

Effective November 1, 2009

*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 shall be subject to reevaluation **May 2012**.*

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 1201 Vinyl Fixed Windows, Impact Resistant, manufactured by:

**Krestmark Windows
3702 La Reunion Parkway
Dallas, Texas 75212
Telephone: (214) 237-5055**

will be acceptable in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

PRODUCT DESCRIPTION

The Series 1201 window is a vinyl fixed window. The vinyl fixed windows evaluated in this report are individual, impact resistant windows. This product evaluation report is for vinyl fixed windows based on the following tested constructions:

General Description:

System	Description	Label Rating
1	Series 1201 Vinyl Fixed Window; (O)	FW-R50 48 x 72 AAMA 506-06

Product Dimensions:

System	Overall Size	Fixed Daylight Opening Size
1	48" x 72"	43 1/4" x 67 1/8"

Glazing Description:

System	Glass Construction ¹	Glazing Method ²
1	IG-1	GM-1

Note: ¹ See the "Glass Construction Key" for the glazing construction.

² See the "Glazing Method Key" for the glazing method description.

Glass Construction Key:

IG-1: The window contains a sealed insulating glass unit. The sealed insulating glass unit is comprised of a laminated glass unit and a double strength ($\frac{1}{8}$ ") annealed glass lite separated by an aluminum Swiggle strip spacer system. The laminated glass unit is comprised of two double strength ($\frac{1}{8}$ ") annealed glass lites with a 0.090" interlayer. The glass thickness used in the insulating glass unit of the tested assembly and in smaller assemblies shall comply with ASTM E 1300-04.

Glazing Method Key:

GM-1: The insulating glass unit is exterior glazed with Dow Corning 995 silicone sealant backbedding compound at the interior face and the heel of the glass, full perimeter. The insulating glass unit is held in place with an aluminum snap-on glazing bead located at the exterior.

Frame Construction: The frame members are manufactured from extruded vinyl (PVC). The frame corners are mitered and welded construction.

Sash Construction: N/A

Hardware: N/A

Reinforcement: N/A

Product Identification: A certification program label (AAMA) will be affixed to the window. The certification program label includes the manufacturer's code name (**KR-1**); product name: **Series 1201 Vinyl Fixed**; performance characteristics; the approved inspection agency (AAMA); and the applicable standards: ANSI/AAMA/NWDA 101/I.S.2-97 and AAMA 506-2006.

LIMITATIONS

Design pressures:

System	Maximum Width (in.)	Maximum Height (in.)	Design Pressures (psf)
1	48	72	± 50

Impact Resistance: These window assemblies satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the **Inland I zone** and the **Seaward zone**. The window assemblies passed Missile Level D specified in ASTM E 1996-04. The window assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded. These window assemblies will not need to be protected with an impact protective system.

Acceptance of Smaller Assemblies: Window assemblies with dimensions equal to or smaller than those specified above are acceptable within the limitations specified in this report.

INSTALLATION INSTRUCTIONS

General: The window assembly shall be installed in accordance with the manufacturer's installation instructions. Detailed installation instructions and drawings are available from the manufacture.

Installation: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window shall be secured to the wall framing using the nailing fin of the window with minimum No. 8 screws. A fastener shall be located approximately 2 inches from each corner and spaced approximately

12 inches on center along the perimeter of the window frame. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

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.