

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION WIN-1330

Effective October 1, 2010

*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 2011**.*

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.

Panorama P130W Vinyl Fixed Casement Windows, New and Replacement Construction, Non-impact Resistant, manufactured by

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McAlester, Oklahoma 74501
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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 Panorama P130W window is a vinyl fixed casement window. The vinyl fixed casement windows evaluated in this report are individual, non-impact resistant windows. This product evaluation report is for vinyl fixed casement windows based on the following tested construction:

General Description:

System	Description	Label Rating
1	Panorama P130W Vinyl Fixed Casement Window; O	FW-C50 72 x 72

Product Dimensions:

System	Overall Size	Fixed Daylight Opening Size
1	72" x 72"	65 ³ / ₄ " x 65 ³ / ₄ "

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 two sheets of $\frac{3}{16}$ " annealed glass lites separated by a desiccant-filled aluminum spacer system. The glass thickness and type 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 set from the interior against a bed of silicone sealant. A dual durometer vinyl glazing bead secures the insulating glass unit from the interior.

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

Sash Construction: N/A.

Hardware: N/A

Reinforcement: N/A

Product Identification: A certification program label (Keystone Certification Program) will be affixed to the window. The certification program label includes the product name; the Certification Authorization Report number: (671-132 or 08-132); performance characteristics; the approved inspection agency (Keystone); and the applicable standard: AAMA/WDMA/CSA 101/I.S.2/A440-05.

LIMITATIONS

Design pressures:

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

Impact Resistance: These window assemblies do not satisfy the Texas Department of Insurance's criteria for protection from windborne debris. These window assemblies will need to be protected with an impact protective system when installed in areas where windborne debris is required.

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. The wood wall framing members shall be minimum Spruce-Pine-Fir.

Installation:

New Construction: The window shall be mounted to the wood wall framing members using the nailing fin of the window with minimum No. 8 screws. The fasteners shall be located approximately 3 inches from each corner and $9\frac{1}{2}$ inches center along the perimeter of the window. The fasteners shall be long enough to penetrate a minimum of $1\frac{1}{2}$ inches into the wall framing members.

Installation (continued):

Replacement Construction: The window shall be mounted to the wood wall framing members using the frame of the window with minimum No. 8 x 2" screws. A minimum of five (5) fasteners are required along each side of the window. The fasteners shall be evenly spaced, beginning approximately 6 inches from each end. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing members.

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) and the International Building Code (IBC) and the Texas Revisions.