

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION

WIN-619

Effective Date: July 1, 2013
Reevaluation Date: **August 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.

Designer Series Aluminum Clad Wood Fixed Casement Windows, Non-impact Resistant, manufactured by

Pella Corporation
102 Main Street
Pella, Iowa 50219
Telephone: (641) 621-1000

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Designer Series Aluminum Clad Wood Fixed Casement Windows; (X)	R-PG50 35 x 73 – Type FW	± 50 psf
2-3	Designer Series Aluminum Clad Wood Vent Casement Windows; (X)	CW-PG50 60 x 73 – Type FW	± 50 psf

Product Dimensions:

System	Overall Size	Sash Size
1	35" x 73"	33" x 71"
2	47" x 53"	45" x 51"
3	60" x 73"	58" x 71"

Product Identification (Certification Agency Label on Window):

System	Certification Agency	WDMA
1-3	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	Designer Series Fixed
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation:

Nailing Fin Installation: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The windows shall be secured to the wall framing utilizing the roll-formed aluminum installation fin of the window with minimum 2" long 11 gauge smooth shank roofing nails. The fasteners shall be placed into each of the pre-punched holes along the perimeter of the window (approximately 5 to 7 inches on center). The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

Clip Installation: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The windows shall be secured to the wall framing utilizing steel clips (2" x 6" x 0.050"). The clips shall be placed approximately 6 inches from each corner and 15 ¼ inches on center along the side jambs of the window. The clips are spaced approximately 6 inches from each corner and 16 inches on center along the head and the sill. Each clip is bent 90 degrees to wrap the end of the clip around the interior face of the wall framing. Each clip is secured to the window with two (2) No. 6 x 5/8" screws and secured to the wall framing with two (2) No. 6 screws. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

Screw Installation: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The windows shall be secured to the wall framing utilizing No. 10 x 3 ½" screws. The fasteners shall be placed approximately 6 inches from each corner and 15 ¼ inches on center along the side jambs of the window. The fasteners are spaced approximately 6 inches from each corner and 16 inches on center along the head and the sill. 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) and the International Building Code (IBC) and the Texas Revisions.