

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION

WIN-1292

Effective Date: August 1, 2014

Reevaluation Date: **August 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 20 Vinyl Single Hung Windows, One Wide, Replacement, Non-Impact Resistant, manufactured by

Pella Corporation
Vinyl Window & Door Division
307 Pella Way
Murray, Kentucky 42071
Telephone: (270) 767-2600

General Description:

System	Description	Label Rating	Design Pressure Rating (psf)
1	Series 20; One Wide Vinyl Single Hung Windows; Replacement; (O/X)	Class R-PG35 48 x 84	± 35
2	Series 20; One Wide Vinyl Single Hung Windows; Replacement; (O/X)	Class R-PG50 42 x 72	± 50

Product Dimensions:

System	Overall Size	Active Sash Size(s)	Fixed Daylight Opening
1	48" x 84"	46" x 35 1/16"	44 7/8" x 44"
2	42" x 72"	40" x 35 1/16"	39" x 32 3/4"

Product Identification (Certification Agency Label on Window):

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	20 Replacement Single Hung Annealed
	Hallmark Product Number	411-H-1043.24
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	20 Replacement Single Hung Annealed
		411-H-1043.76
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-0

Impact Resistance:

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

INSTALLATION INSTRUCTIONS

Installation:

Option 1 (Screw Installation): The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The windows shall be mounted to the wood wall framing members using the frame of the window with minimum No. 8 x 2" long screws. The fasteners shall be placed along each side jamb. A fastener shall be located approximately 4 inches from the head and from the sill. A fastener shall be located approximately 9 inches above and below the fixed meeting rail. A fastener shall be located approximately 18 inches on center along the fixed and operable panel. The fasteners shall be long enough to penetrate a minimum of 1 1/2 inches into the wood wall framing.

Option 2 (Drywall Return Installation Clip): The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The windows shall be secured to the wall framing utilizing a 2.302" x 2.00" x 0.052" aluminum "Drywall Return Installation Clip" secured to the window frame with one (1) minimum No. 10 x 2" screw and to the wall framing with one (1) minimum No. 8 x 2 1/2" screw. The clips shall be placed along each side jamb. A clip shall be located approximately 4 inches from the head and from the sill. A clip shall be located approximately 9 inches above and below the fixed meeting rail. A clip shall be located approximately 18 inches on center along the fixed and operable panel. The fasteners shall be long enough to penetrate a minimum of 1 1/2 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.