



Product Evaluation

WIN1035 | 0115

Engineering Services Program

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.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-1035

Effective Date: January 1, 2015

Re-evaluation Date: November 2017

Product Name: Series 1020 Vinyl Single Hung Windows, Three Wide, New and Replacement Construction, Non-Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 10/20 Three Wide Vinyl Single Hung Windows; (O/X,O/X,O/X); New Construction	R-PG35 108 x 72 Type H	±35 psf
2	Series 10/20 Three Wide Vinyl Single Hung Windows; (O/X,O/X,O/X); New Construction	R-PG35 108 x 53-1/2 Type H	±35 psf
3	Series 10/20 Three Wide Vinyl Single Hung Windows; (O/X,O/X,O/X); Replacement Construction	R-PG35 108 x 72 Type H	±35 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	108" x 72"	Three: 33" x 35"	Three: 34" x 34"
2	108" x 53-1/2"	Three: 33-5/8" x 26"	Three: 34" x 25-1/2"
3	108" x 72"	Three: 33-5/8" x 35"	Three: 34" x 34"

Product Identification (Certification Label on Window):

System		
1-2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	Series 10/20 Triple Composite New Construction Single Hung Units
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	Series 10/20 Triple Composite Replacement Construction Single Hung Units
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1-3	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1-2	Type of Installation	New Construction
	Wall Framing	SPF wood framing
	Fasteners	Minimum 12-gauge smooth shank x 2" long roofing nail
	Fastener Location/Spacing	Locate a fastener along each side jamb approximately 2" from corner and approximately 8" on center. Locate four nails along the head and sill and through the nailing fin locate at each end of the mull approximately 3" and 6" from the mull centerline on both sides.
	Fastener Penetration	Use fasteners long enough to penetrate 1-1/2" into the wood framing

Installation:

System		
3	Type of Installation	Replacement Construction
	Wall Framing	SPF wood framing
	Fasteners	Minimum No. 10 x 2" long Phillips head screws.
	Fastener Location/Spacing	Locate a fastener along each side jamb approximately 4" from the head and sill corners, locate a fastener approximately 9" above and below the fixed meeting rail centerline, and space evenly at approximately 18" on center in both the fixed and operable panels. Along the head and sill, position rigid PVC mullion clips 3" x 1-5/16" x 1/16" thick 4" and 8" from the mull centerline on both sides. Use one fastener per mullion clip approximately at the centerline of the clip.
Fastener Penetration	Use fasteners long enough to penetrate 1-1/2" into the wood framing	

Note: Keep the manufacturer's installation instructions at the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.