

## Product Evaluation

WIN1957 | 0422

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-1957

**Effective Date:** April 1, 2022

**Re-evaluation Date:** June 2023

**Product Name:** Pella 250 Series Vinyl Single Hung Windows, with or without Transoms, Fin and Frame Installation, Non-Impact Resistant

**Manufacturer:** Pella Corporation  
102 Main Street  
Pella, IA 50219  
(641) 621-1000

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Pella 250 Series Vinyl Single Hung Windows; New Construction	R-PG35 (40 x 63)-H	+35 / -35 psf
2	Pella 250 Series Vinyl High Performance Single Hung Windows, New & Replacement Frame	R-PG50 (42 x 84)-H	+50 / -50 psf
3	Pella 250 Series Vinyl High Performance Single Hung Windows; New & Replacement Frame	R-PG50 (48 x 72)-H	+50 / -50 psf
4	Pella 250 Series Vinyl Single Hung Windows; New & Replacement Frame	R-PG35 (48 x 84)-H	+35 / -35 psf

**General Description (Continued):**

<b>System</b>	<b>Description</b>	<b>Label Rating</b>	<b>Design Pressure Rating</b>
5	Pella 250 Series Vinyl Oriel Single Hung Windows, New & Replacement Construction	R-PG35 (48 x 84)-H	+35 / -35 psf
6	Pella 250 Series Vinyl Single Hung Windows with Transom; New & Replacement Frame	R-PG35 (48 x 84)-H	+35 / -35 psf
7	Pella 250 Series Vinyl High Performance Single Hung Windows; New & Replacement Frame	R-PG50 (54 x 66)-H	+50 / -50 psf
8	Pella 250 Series Vinyl HP Single Hung Windows; TWIN New & Replacement Frame	R-PG50 (72 x 65.5)-H	+50 / -50 psf
9	Pella 250 Series Vinyl Single Hung Windows; TWIN New & Replacement Frame	R-PG35 (96 x 72)-H	+35 / -35 psf
10	Pella 250 Series Vinyl Single Hung Windows; TRIPLE New & Replacement Frame	R-PG35 (109 x 63)-H	+35 / -35 psf
11	Pella 250 Series Vinyl Single Hung Windows; TRIPLE New & Replacement Frame	R-PG30 (109 x 72)-H	+30 / -30 psf
12	Pella 250 Series Vinyl HP Single Hung Windows; New & Replacement Construction	LC-PG30 (54 x 96)-H	+30 / -30 psf

**Product Dimensions:**

<b>System</b>	<b>Overall Size</b>	<b>Operable Sash Size</b>	<b>Fixed Daylight Opening Size</b>
1	40" x 63"	37-1/4" x 31-1/2"	35-3/4" x 28"
2	42" x 83-1/2"	39-1/4" x 39"	37-3/4" x 41"
3	48" x 72"	45-1/4" x 36"	43-3/4" x 32-1/2"
4	48" x 84"	45-1/4" x 39"	43-3/4" x 41-1/2"
5	48" x 84"	45-1/4" x 23-3/4"	43-3/4" x 56-3/4"
6	48" x 84"	45-1/4" x 32-3/4"	Single Hung: 43-3/4" x 29-1/4" Transom: 43-3/4" x 13-3/4"
7	54" x 66"	51-1/4" x 33"	49-3/4" x 29-1/2"
8	72" x 65-1/2"	33" x 32-3/4" (2)	31-1/2" x 29-1/4" (2)
9	96" x 72"	45" x 36" (2)	43-1/2" x 32-1/2" (2)
10	109" x 63"	33-1/4" x 31-1/2" (3)	31-3/4" x 28" (3)
11	109" x 72"	33-1/4" x 36" (3)	31-3/4" x 32-1/2" (3)
12	54" x 96"	51-1/4" x 38.90"	49-3/4" x 53-5/8"

**Product Identification (Certification Label on Window):**

System		
1, 4-6, 9-11	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	Pella 250 Series-Single Hung
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,11
2-3, 7-8	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	Pella 250 Series High Performance-Single Hung
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,11
12	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	Pella 250 Series High Performance-Single Hung
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

**Impact Resistance:**

System	Impact Resistant	Requirement
1-12	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation:**

System		
1-12	Type of Installation	Install in accordance with Pella Corporation drawing No. 1867T, dated April 20, 2020. Revision B1 dated March 11, 2022. Signed and sealed by Warren W. Schaeffer, P.E. on March 11, 2022.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.