

Product Evaluation

WIN2114 | 0922

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-2114

Effective Date: September 1, 2022

Re-evaluation Date: June 2024

Product Name: Tectview EX / Pella 250 Series-Extreme Design Vinyl Fixed Windows, Fin and Frame Installation, Non-Impact Resistant

Manufacturer: Burriss / Pella Windows
 2005 McDaniel Drive
 Suite 100
 Carrollton, TX 75006
 (800) 288-5811

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Tectview EX / Pella 250 Series-Extreme Design Vinyl Fixed Windows; Fin Installation	FW-LC40 72 x 72	+40 / -40 psf
2	Tectview EX / Pella 250 Series-Extreme Design Vinyl Fixed Windows; No Fin (frame) Installation	FW-LC55 72 x 72	+55 / -55 psf
3	Tectview EX / Pella 250 Series-Extreme Design Vinyl Fixed Windows; Fin Installation	FW-LC55 48 x 72	+55 / -55 psf

General Description (Continued):

System	Description	Label Rating	Design Pressure Rating
4	Tectview EX / Pella 250 Series-Extreme Design Vinyl Fixed Windows; No Fin (frame) Installation	FW-LC75 48 x 72	+75 / -75 psf
5	Tectview EX / Pella 250 Series-Extreme Design Vinyl Fixed Windows; Fin Installation	FW-LC35 60 x 120 (INS TEMP GL)	+35 / -35 psf
6	Tectview EX / Pella 250 Series-Extreme Design Vinyl Fixed Windows; No Fin (frame) Installation	FW-LC55 60 x 120 (INS TEMP GL)	+55 / -55 psf
7	Tectview EX / Pella 250 Series-Extreme Design Vinyl Fixed Windows; Fin Installation	FW-LC50 60 x 84	+50 / -50 psf
8	Tectview EX / Pella 250 Series-Extreme Design Vinyl Fixed Windows; No Fin (frame) Installation	FW-LC65 60 x 84	+65 / -65 psf

Product Dimensions:

System	Overall Size	Fixed Panel Glass Daylight Opening Size
1, 2	72" x 72"	65-1/2" x 65-1/2"
3, 4	48" x 72"	41-1/2" x 65-1/2"
5, 6	60" x 120"	53-1/2" x 113-1/2"
7, 8	60" x 84"	53-1/2" x 77-1/2"

Product Identification (Certification Agency Label on Window):

System		
1-8	Certification Agency	AAMA
	Manufacturer's Name or Code Name	BUR-1
	Product Name	Tectview EX PW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

Compliance: The products comply with AAMA/WDMA/CSA 101/I.S.2/A440-17 as referenced in the 2018 IRC and 2018 IBC.

Impact Resistance:

System	Impact Resistant	Requirement
1-8	No	These products have not been tested for windborne debris resistance. An impact protection system is required when installing this product in areas where windborne debris protection is required

Installation:

Systems 1, 3, 5, 7: Fasten the assembly to minimum Spruce-Pine-Fir dimension lumber. Secure the assembly to the wall framing using the nailing fin with minimum No. 8 x 2" screws. Locate the fasteners approximately 4" from each corner and approximately 8" on center along the perimeter of the assembly. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

System 2: Fasten the assembly to minimum Spruce-Pine-Fir dimension lumber. Secure the assembly to the wall framing through the frame with minimum No. 8 x 2" screws. Along the head, sill, and side jambs, locate the fasteners approximately 6" from each corner with three (3) evenly spaced in between. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

System 4: Fasten the assembly to minimum Spruce-Pine-Fir dimension lumber. Secure the assembly to the wall framing through the frame with minimum No. 8 x 2" screws. Along each side jamb, locate the fasteners approximately 6" from each corner with three (3) evenly spaced in between. Along the head and the sill, locate the fasteners approximately 6" from each corner with one (1) evenly spaced in between. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

System 6: Fasten the assembly to minimum Spruce-Pine-Fir dimension lumber. Secure the assembly to the wall framing through the frame with minimum No. 8 x 2" screws. Along each side jamb, locate the fasteners approximately 6" from each corner with five (5) evenly spaced in between. Along the head and the sill, locate the fasteners approximately 6" from each corner with two (2) evenly spaced in between. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

System 8: Fasten the assembly to minimum Spruce-Pine-Fir dimension lumber. Secure the assembly to the wall framing through the frame with minimum No. 8 x 2" screws. Along each side jamb, locate the fasteners approximately 6" from each corner with four (4) evenly spaced in between. Along the head and the sill, locate the fasteners approximately 6" from each corner with two (2) evenly spaced in between. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

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.