

Product Evaluation

WIN1620 | 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-1620

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, 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; O | FW-LC50 48x72 Missile Level D | +50 / -50 psf |

Product Dimensions:

| System | Overall Size |
|--------|--------------|
| 1 | 48" x 72" |

Product Identification (Certification Agency Label on Window):

| System | | |
|--------|----------------------------------|--|
| 1 | 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 AAMA 506; Missile Level D |

Compliance: The products comply with AAMA/WDMA/CSA 101/I.S.2/A440-17, ASTM E 1886-13a, and ASTM E 1996-14a as referenced in the 2018 IRC and 2018 IBC.

Impact Resistance:

| System | Impact Resistant | Requirement |
|--------|------------------|--|
| 1 | Yes | These products have been tested for windborne debris resistance. They satisfy Missile Level D requirements specified in ASTM E 1996-14a. |

Installation (One of the Following):

| System | | |
|--------|---------------------------|---|
| 1 | Type of Installation | Fin Installation |
| | Wall Framing | Spruce-Pine-Fir Dimension Lumber |
| | Fasteners | Minimum No. 8 x 2" truss head screws |
| | Fastener Location/Spacing | Approximately 2" from each corner and 8" on center along all four sides |
| | Fastener Penetration | Minimum 1-1/2" into the Wall Framing |
| 1 | Type of Installation | Frame Installation |
| | Wall Framing | Spruce-Pine-Fir Dimension Lumber |
| | Fasteners | Minimum No. 8 x 2" truss head screws |
| | Fastener Location/Spacing | Approximately 6" from each corner and 12" on center along each side |
| | Fastener Penetration | Minimum 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.