TDI | Texas Department of Insurance

PO Box 149104 | Austin, TX 78714 | 1-800-578-4677 | tdi.texas.gov

Product Evaluation

DR1251 | 1022

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: DR-1251

Effective Date: October 1, 2022
Re-evaluation Date: June 2023

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

Manufacturer: Burris / 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 Patio Door; XO	R-PG50 96x80-SD Missile Level D	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operating Panel Size	Fixed Daylight Opening Size
1	95-1/2 x 79-1/2"	48-1/2 x 76-3/8"	43-3/4 x 71-5/8"

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	BUR-1
	Product Name	TECTVIEW SGD (FIN & FINLESS)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 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):

Fin Installation: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The assembly is secured to the wall framing using the integral nailing fin. The nailing fin is secured to the wall framing using minimum No. 8 x 2" truss head screws. Locate the screws approximately 9" on center along the perimeter starting at each corner. Along the head and sill, secure the assembly frame to the framing with minimum No. 8 x 2" truss head screws, located 6" from each end, at the 1/4 points and 6" from each side of the mid span. Along each side jamb, secure the assembly frame to the framing with minimum No. 8 x 2" truss head screws, located 6" from the top and bottom, then evenly spaced (four (4) total per side jamb). On the lock side jamb, use two (2) No. 10 x 3-1/2" long screws through the keeper into the wall framing. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Frame (Finless) Installation: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The assembly is secured to the wall framing using the assembly frame. Along the head and sill, secure the assembly frame to the framing with minimum No. 8 x 2" truss head screws, located 6" from each end, at the 1/4 points and 6" from each side of the mid span. Along each side jamb, secure the assembly frame to the framing with minimum No. 8 x 2" truss head screws, located 6" from the top and bottom, then evenly spaced (four (4) total per side jamb). On the lock side jamb, use two (2) No. 10 x 3-1/2" long screws through the keeper into the wall framing. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

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.