

Product Evaluation

DR889 | 0720

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-889

Effective Date: July 1, 2020

Re-evaluation Date: December 2023

Product Name: 6'8" and 8'0" Masonite VistaGrande Fiberglass Side Hinged Doors, Glazed, Inswing and Outswing, Singles w/ or w/o Sidelites, Doubles, Non-Impact Resistant

Manufacturer: Endura Products, Inc.
8811 West Market Street
Colfax, NC 27235
(336) 668-2472

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 6'-8" Single Door (X)	Inswing: +50 / -55 psf Outswing: +55 / -55 psf	TX-4695
2	3'-0" x 6'-8" Single Door w/ Sidelites (OXO)	Pine Frame Inswing: +50 / -55 psf Outswing: +55 / -55 psf Fusion Frame +50 / -50 psf	TX-4696

General Description (continued):

System	Description	Label Rating	Drawing Number
3	6'-0" x 6'-8" Double Door (XX); Pine Frame	<u>Ultimate Hurricane Astragal</u> Inswing: +45 / -45 psf Outswing: +55 / -55 psf <u>Ultimate Multipoint Astragal</u> Inswing: +55 / -55psf Outswing: +45 / -45 psf <u>Ultimate Flip Lever Astragal</u> Inswing: +50 / -55 psf Outswing: +50 / -50 psf	TX-4697
4	6'-0" x 6'-8" Double Door (XX); Fusion Frame	<u>Ultimate Hurricane Astragal</u> Inswing: +45 / -45 psf Outswing: +50 / -50 psf <u>Ultimate Multipoint Astragal</u> Inswing: +50 / -50 psf Outswing: +45 / -45 psf <u>Ultimate Flip Lever Astragal</u> +50 / -50 psf	TX-4697
5	3'-0" x 8'-0" Single Door (X)	Inswing: +45 / -45 psf Outswing: +35 / -35 psf	TX-4698
6	3'-0" x 8'-0" Single Door w/ Sidelites (OXO)	Inswing: +45 / -45 psf Outswing: +35 / -35 psf	TX-4699
7	6'-0" x 8'-0" Double Door (XX); Pine Frame	<u>Ultimate Hurricane Astragal</u> Inswing: +40 / -40psf Outswing: +65 / -65 psf <u>Ultimate Multipoint Astragal</u> Inswing: +40 / -40 psf Outswing: +25 / -25 psf <u>Ultimate Flip Lever Astragal</u> Inswing: +45 / -45 psf Outswing: +50 / -55 psf	TX-4700
8	6'-0" x 8'-0" Double Door (XX); Fusion Frame	<u>Ultimate Hurricane Astragal</u> Inswing: +40 / -40psf Outswing: +50 / -50 psf <u>Ultimate Multipoint Astragal</u> Inswing: +40 / -40 psf Outswing: +25 / -25 psf <u>Ultimate Flip Lever Astragal</u> Inswing: +45 / -45 psf Outswing: +50 / -50 psf	TX-4700

Component Dimensions:

System	Overall Size	Panel Size	Maximum Daylight Opening Size
1	Inswing: 37-1/2" x 82" Outswing: 37-1/2" x 81-1/8"	35-3/4" x 79-1/4"	24-3/4" x 63"
2	Inswing: 112-1/4" x 82" Outswing: 112-1/4" x 81-1/8"	Door and Sidelite: 35-3/4" x 79-1/4"	Door and Sidelite: 24-3/4" x 63"
3-4	Inswing: 74" x 82" Outswing: 74" x 81-1/8"	35-3/4" x 79-1/4"	24-3/4" x 63"
5	Inswing: 37-1/2" x 98" Outswing: 37-1/2" x 97-1/8"	35-3/4" x 95-1/4"	24-3/4" x 79"
6	Inswing: 112-1/4" x 98" Outswing: 112-1/4" x 97-1/8"	Door and Sidelite: 35-3/4" x 95-1/4"	Door and Sidelite 24-3/4" x 79"
7-8	Inswing: 74" x 98" Outswing: 74" x 97-1/8"	35-3/4" x 95-1/4"	24-3/4" x 79"

Hardware:

System	Component	Quantity	Attachment method
1-8	Hinges	3 for 6'8" door 4 for 8'0" door	Install in accordance with Endura drawings No. TX-4695, TX-4697, TX-4698, and TX-4700, dated May 11, 2017, revised September 3, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on September 17, 2019. Install in accordance with Endura drawings TX-4696 and TX-4699, dated May 11, 2017, revised June 15, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on June 15, 2020.
	Latch: Kwikset Signature Series (991) Deadbolt: Kwikset Signature Series (980/985)	1 each	

Product identification (Manufacturer Label on Door):

System		
1-2, 5-6	Certification agency	Self-labeled
	Manufacturer's name or code name	Endura Products, Inc.
	Product name	Glazed Masonite VistaGrande Fiberglass Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Single & Single w/ Sidelites
	Test standards	ASTM E330-14

Product identification (Manufacturer Label on Door) - continued:

System		
3-4, 7-8	Certification agency	Self-labeled
	Manufacturer's name or code name	Endura Products, Inc.
	Product name	Glazed Masonite VistaGrande Fiberglass Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Double
	Test standards	ASTM E330-14

Impact Resistance:

System	Impact Resistant	Requirement
1-8	No	Provide an impact protective system when installing the product in areas that require windborne debris.

Installation:

System		
1-8	Type of installation	Install in accordance with Endura drawings No. TX-4695, TX-4697, TX-4698, and TX-4700, dated May 11, 2017, revised September 3, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on September 17, 2019.
	Wall framing	
	Fasteners	
	Fastener embedment	
	Fastener location/spacing	Install in accordance with Endura drawings TX-4696 and TX-4699, dated May 11, 2017, revised June 15, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on June 15, 2020.

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.