

Product Evaluation

DR855 | 1219

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-855

Effective Date: December 1, 2019

Re-evaluation Date: December 2023

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

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

General Description:

System	Description	Design Pressure	Drawing Number
1	3'-0" x 6'-8" Single Door (X)	+50 / -50 psf	TX-4631
2	3'-0" x 6'-8" Single Door w/ Sidelites (OXO)	+50 / -50 psf	TX-4632
3	6'-0" x 6'-8" Double Door (XX); Ultimate Hurricane Astragal	Pine Frame Inswing: +50 / -55 psf Outswing: +60 / -60 psf Fusion Frame +50 / -50 psf	TX-4633

General Description (continued):

System	Description	Design Pressure	Drawing Number
4	6'-0" x 6'-8" Double Door (XX); Ultimate Multipoint Astragal	Pine Frame Inswing: +40 / -40 psf Outswing: +55 / -55 psf Fusion Frame Inswing: +40 / -40 psf Outswing: +50 / -50 psf	TX-4633
5	3'-0" x 8'-0" Single Door (X)	Inswing: +40 / -45 psf Outswing: +35 / -35 psf	TX-4634
6	3'-0" x 8'-0" Single Door w/ Sidelites (OXO)	Inswing: +40 / -45 psf Outswing: +35 / -35 psf	TX-4635
7	3'-0" x 8'-0" Double Door (XX); Ultimate Hurricane Astragal	Pine Frame Inswing: +45 / -45 psf Outswing: +55 / -55 psf Fusion Frame Inswing: +45 / -45 psf Outswing: +50 / -50 psf	TX-4636
8	3'-0" x 8'-0" Double Door (XX); Ultimate Multipoint Astragal	Pine & Fusion Frame Inswing: +50 / -50 psf Outswing: +45 / -45 psf	TX-4636

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"	N/A
2	Inswing: 112-1/4" x 82" Outswing: 112-1/4" x 81-1/8"	Door & Sidelite: 35-3/4" x 79-1/4"	Door: N/A Sidelite: 21" x 63"
3-4	Inswing: 74" x 82" Outswing: 74" x 81-1/8"	35-3/4" x 79-1/4"	N/A
5	Inswing: 37-1/2" x 98" Outswing: 37-1/2" x 97-1/8"	35-3/4" x 95-1/4"	N/A
6	Inswing: 112-1/4" x 98" Outswing: 112-1/4" x 97-1/8"	Door & Sidelite: 35-3/4" x 95-1/4"	Door: N/A Sidelite: 21" x 79"
7-8	Inswing: 74" x 98" Outswing: 74" x 97-1/8"	35-3/4" x 95-1/4"	N/A

Hardware:

System	Component	Quantity	Attachment method
1, 5	Hinges	3 for 6'8" door 4 for 8'0" door	Install hardware in accordance with Endura drawings No. TX-4631 and TX-4634, dated October 25, 2016, Revision 1 dated September 19, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on September 23, 2019.
	Latch: Kwikset Signature Series (991) Deadbolt: Kwikset Signature Series (980/985)	1 each	
	Latch and Deadbolt Strike Plate	1 each	
2, 6	Hinges	3 for 6'8" door 4 for 8'0" door	Install hardware in accordance with Endura drawings No. TX-4632 and TX-4635, dated August 31, 2016, Revision 1 dated September 19, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on September 23, 2019.
	Latch: Kwikset Signature Series (991) Deadbolt: Kwikset Signature Series (980/985)	1 each	
	Latch and Deadbolt Strike Plate	1 each	
3-4, 7-8	Hinges	3 for 6'8" door 4 for 8'0" door	Install hardware in accordance with Endura drawings No. TX-4633 and TX-4636, dated August 31, 2016, Revision 2 dated September 19, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on September 23, 2019.
	Latch: Kwikset Signature Series (991) Deadbolt: Kwikset Signature Series (980/985)	1 each	
	Latch and Deadbolt Strike Plate	1 each	

Product Identification (Manufacturer Label on Door):

System		
1-2, 5-6	Certification agency	Self-labeled
	Manufacturer's name	Endura Products, Inc.
	Product name	Opaque Masonite Fiberglass Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Single and Single w/ Sidelites
	Test standards	ASTM E330-14
3-4, 7-8	Certification agency	Self-labeled
	Manufacturer's name	Endura Products, Inc.
	Product name	Opaque Masonite 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, 5	Type of installation	Install in accordance with Endura drawings No. TX-4631 and TX-4634, dated October 25, 2016, Revision 1 dated September 19, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on September 23, 2019.
	Wall framing	
	Fasteners	
	Fastener embedment	
	Fastener location/spacing	
2, 6	Type of installation	Install in accordance with Endura drawings No. TX-4632 and TX-4635, dated August 31, 2016, Revision 1 dated September 19, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on September 23, 2019.
	Wall framing	
	Fasteners	
	Fastener embedment	
	Fastener location/spacing	
3-4, 7-8	Type of installation	Install in accordance with Endura drawings No. TX-4633 and TX-4636, dated August 31, 2016, Revision 2 dated September 19, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on September 23, 2019.
	Wall framing	
	Fasteners	
	Fastener embedment	
	Fastener location/spacing	

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.