

Product Evaluation

DR864 | 0824

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-864

Effective Date: August 1, 2024

Re-evaluation date: August 2028

Product Name: 6'-8" and 8'-0" Insert Glazed Steel Masonite Side Hinged Doors, Inswing and Outswing, Singles with or without Sidelites, and Doubles, Non-Impact Resistant

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

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 6'-8" Single Door (X)	Inswing: +45 / -45 psf Outswing: +50 / -50 psf	TX-4683
2	3'-0" x 6'-8" Single Door w/ Sidelites (OXO)	Inswing: +45 / -45 psf Outswing: +50 / -50 psf	TX-4684
3	6'-0" x 6'-8" Double Door (XX) Ultimate Trilennium Astragal	Pine Frame: Inswing: +35 / -35 psf Outswing: +55 / -55 psf Fusion Frame: Inswing: +35 / -35 psf Outswing: +50 / -50 psf	TX-4685
4	3'-0" x 8'-0" Single Door (X)	Inswing: +35 / -35 psf Outswing: +45 / -45 psf	TX-4686

General Description:

System	Description	Label Rating	Drawing Number
5	3'-0" x 8'-0" Single Door w/ Sidelites (OXO)	Inswing: +35 / -35 psf Outswing: +45 / -45 psf	TX-4687
6	6'-0" x 8'-0" Double Door (XX); Ultimate Trilennium Astragal	Inswing: +30 / -30 psf Outswing: +45 / -45 psf	TX-4688

Product Dimensions:

System	Overall size	Panel Size	Panel 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"	21" x 63"
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 & Sidelite: 21" x 63"
3	Inswing: 74" x 82" Outswing: 74" x 81-1/8"	35-3/4" x 79-1/4" (2)	21" x 63"
4	Inswing: 37-1/2" x 98" Outswing: 37-1/2" x 97-1/8"	35-3/4" x 95-1/4"	21" x 79"
5	Inswing: 112-1/4" x 98" Outswing: 112-1/4" x 97-1/8"	Door & Sidelite: 35-3/4" x 95-1/4"	Door & Sidelite: 21" x 79"
6	Inswing: 74" x 98" Outswing: 74" x 97-1/8"	35-3/4" x 95-1/4" (2)	21" x 79"

Components and Hardware:

System	Component	Quantity	Attachment method
1-2, 4-5	4" Hinges	3 for 6'8" door 4 for 8'0" door	Install hardware in accordance to Endura drawing No. TX-4683, TX-4684, TX-4686, and TX-4687, dated November 16, 2016, Revision 1 dated October 23, 2019. Signed and Sealed by Lyndon F. Schmidt, P.E. on November 4, 2019.
	Endura Trilennium 3000 Series Multipoint Lock (3-pt.)	1	
	Multipoint Strike Plate	1	
3, 6	4" Hinges	3 for 6'8" door 4 for 8'0" door	Install hardware in accordance to Endura drawing No. TX-4685 and TX-4688, dated November 16, 2016, Revision 1 dated October 23, 2019. Signed and Sealed by Lyndon F. Schmidt, P.E. on November 4, 2019.
	Endura Trilennium 3000 Series Multipoint Lock (3-pt.)	1	
	Multipoint Strike Plate	1	
	Astragal Strike Plate	1	

Product Identification (Manufacturer Label on Door):

System		
1-2, 4-5	Certification agency	Self-labeled by manufacturer
	Manufacturer's name	Endura Products, Inc.
	Product name	Insert Glazed Masonite Steel Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Single and Single w/ Sidelites
	Test standards	ASTM E330-14
3, 6	Certification agency	Self-labeled by manufacturer
	Manufacturer's name	Endura Products, Inc.
	Product name	Insert Glazed Masonite Steel Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Double
	Test standards	ASTM E330-14

Impact Resistance:

System	Impact Resistant	Requirement
1-6	No	Provide an impact protective system when installing the product in areas that require windborne debris.

Installation:

System		
1-6	Type of installation	Install hardware in accordance to Endura drawing No. TX-4683, TX-4684, TX-4685, TX-4686, TX-4687, and TX-4688, dated November 16, 2016, Revision 1 dated October 23, 2019. Signed and Sealed by Lyndon F. Schmidt, P.E. on November 4, 2019.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	

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.