

Product Evaluation

DR608 | 1221

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-608

Effective Date: December 1, 2021

Re-evaluation Date: December 2025

Product Name: 6'-8" and 8'-0" Glazed Fiberglass Doors, Inswing & Outswing, Singles with Sidelites and Doubles, and 8'-0" Opaque Fiberglass Doors, 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" Therma-Tru Glazed Fiberglass Single Door w/ Sidelites & Integral Mullion, Inswing/Outswing; (OXO)	Fiber Classic Door Panel Inswing +45/-45 psf Outswing +40/-40 psf Smooth Star Door Panel Inswing +30/-30 psf Outswing +40 /-40 psf	TX-4218

General Description (continued):

System	Description	Label Rating	Drawing Number
2	3'-0" x 8'-0" Therma-Tru Glazed Fiberglass Single Door w/ Sidelites & Integral Mullion, Inswing/Outswing; (OXO)	Fiber Classic Door Panel Inswing +30/-30 psf Outswing +50/-50 psf Smooth Star Door Panel Inswing +30/-30 psf Outswing +35/-35 psf	TX-4219
3	3'-6" x 8'-0" Therma-Tru Opaque Fiberglass Single Door, Inswing; (X)	Classic Craft Rustic Door Panel Inswing +45/-45 psf	TX-4222
4	3'-0" x 6'-8" Glazed Fiberglass Single Door Inswing/Outswing (X)	Fiber Classic Door Panel Inswing +45/-45 psf Outswing +40/-40 psf Smooth Star Door Panel Inswing +30/-30 psf Outswing +40/-40 psf	TX-4427
5	3'-0" x 8'-0" Glazed Fiberglass Single Door Inswing/Outswing (X)	Fiber Classic Door Panel Inswing +30/-30 psf Outswing +50/-50 psf Smooth Star Door Panel Inswing +30/-30 psf Outswing +35/-35 psf	TX-4428

Component Dimensions:

System	Overall Size	Panel Size	Maximum Daylight Opening Size
1	Inswing: 112-3/8" x 81-3/4" Outswing: 112-3/8" x 80-15/16"	Panel: 35-13/16" x 79-1/16" Sidelite: 35-13/16" x 79-1/16"	26" x 63-5/16"
2	Inswing: 112-3/8" x 97.78" Outswing: 112-3/8" x 96.97"	Door: 35-13/16" x 95-1/16" Sidelite: 35-13/16" x 95-1/16"	23-3/4" x 78-3/4"
3	Inswing: 43.44" x 97-3/4"	Door: 41-3/4" x 95-1/16"	NA
4	Inswing: 37-1/2" x 81-15/16" Outswing: 37-1/2" x 81-1/8"	Door: 35-13/16" x 79-1/16"	26" x 63-5/16"
5	Inswing: 37-1/2" x 97-15/16" Outswing: 37-1/2" x 97-1/8"	Door: 35-13/16" x 95-1/16"	23-1/4" x 78-3/4"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-5	4" Butt Hinges	3 (6'-8" doors) 4 (8'-0" doors)	Install hardware and components in accordance with Endura Products drawings TX-4218, TX-4219, and TX-4222, dated September 6, 2012, (Revision 2 dated November 11, 2021), and drawings TX-4427 and TX-4428, dated January 8, 2014, Revision 1 dated November 11, 2021. Signed, sealed, and dated November 11, 2021 by Lyndon F. Schmidt, P.E.
	Lock and deadbolt strike plate	1 per lockset and deadbolt	
	Multi-point Lockset: Hoppe HLS 9000	1	

Product Identification (Manufacturer Label on Door):

System		
1, 2, 4, 5	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Endura Products, Inc.
	Product Name	Flush Glazed Therma-Tru Fiberglass Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Single
	Test Standards	ASTM E330-14
	Drawing Number	TX-4218, TX-4219, TX-4427, or TX-4428
3	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Endura Products, Inc.
	Product Name	Opaque Therma-Tru Fiberglass Side Hinged Doors, Inswing, Non-Imp Resistant Door Panels, Single
	Test Standards	ASTM E330-14
	Drawing Number	TX-4222

Impact Resistance:

System	Impact Resistant	Requirement
1-5	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1-5	Type of installation	Install in accordance with Endura Products drawings TX-4218, TX-4219, and TX-4222, dated September 6, 2012, (Revision 2 dated November 11, 2021), and drawings TX-4427 and TX-4428, dated January 8, 2014, Revision 1 dated November 11, 2021. Signed, sealed, and dated November 11, 2021 by Lyndon F. Schmidt, P.E.
	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.