

## Product Evaluation

DR853 | 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-853

**Effective Date:** December 1, 2021

**Re-evaluation Date:** December 2025

**Product Name:** 6'-8" and 8'-0" Opaque Fiberglass Plastpro Doors, Inswing & Outswing, Singles with and without Sidelites, and Doubles, Non-Impact Resistant

**Manufacturer:** Endura Products, Inc.  
8811 West Market Street  
Colfax, NC 27235  
(336) 668-24720

### General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 6'-8" Opaque Fiberglass Single Door; Inswing / Outswing (X)	Inswing +30/-30 psf Outswing +35/-35 psf	TX-4657
2	3'-0" x 6'-8" Opaque Fiberglass Single Door w/ Sidelites; Inswing / Outswing; (OXO)	Inswing +30/-30 psf Outswing +35/-35 psf	TX-4658
3	6'-0" x 6'-8" Opaque Fiberglass Double Door; Inswing / Outswing; (XX)	<b>Ultimate Trilennium Astragal</b> Inswing: +45/-45 psf Outswing: +45/-45 psf	TX-4659
4	3'-0" x 8'-0" Opaque Fiberglass Single Door; Inswing / Outswing; (X)	Inswing +35/-40 psf Outswing +40/-40 psf	TX-4660

**General Description: (continued)**

System	Description	Label Rating	Drawing Number
5	3'-0" x 8'-0" Opaque Fiberglass Single Door w/ Sidelites; Inswing / Outswing; (OXO)	Inswing +35/-40 psf Outswing +40/-40 psf	TX-4661
6	6'-0" x 8'-0" Opaque Fiberglass Double Door; Inswing / Outswing; (XX)	<b>Ultimate Trilennium Astragal</b> Inswing: +40/-40 psf Outswing: +55/-55 psf	TX-4662

**Product Dimensions:**

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

**Components and Hardware:**

System	Component	Qty	Attachment Method
1-6	4" Butt Hinges (6'-8" doors)	3	Hardware and components must be installed in accordance with Endura drawings TX-4657, TX-4658, TX-4659, TX-4660, TX-4661, and TX-4662. Drawings dated November 9, 2016. Revision 1 dated October 26, 2021. Signed & sealed by Lyndon F. Schmidt, P.E. on November 11, 2021.
	4" Butt Hinges (8'-0" doors)	4	
	Strike plate	3	
	Multipoint Lock (3 pt.) Endura / Trilennium® 3000 Series	1	

**Product Identification (Self labeled):**

System		
1, 2	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Endura Products, Inc.
	Product Name	Plastpro Opaque Fiberglass Side Hinged Door, Inswing/Outswing, Non-Imp Resistant Door Panels, Singles w/Sidelites
	Drawing	TX-4657, TX-4658
	Test Standards	ASTM E 330-14
3	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Endura Products, Inc.
	Product Name	Plastpro Opaque Fiberglass Side Hinged Door, Inswing/Outswing, Non-Imp Resistant Door Panels, Double
	Drawing	TX-4659
	Test Standards	ASTM E 330-14
4, 5	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Endura Products
	Product Name	Plastpro Opaque Fiberglass Side Hinged Door, Inswing/Outswing, Non-Imp Resistant Door Panels, Singles w/Sidelites
	Drawing	TX-4660, TX-4661
	Test Standards	ASTM E 330-14
6	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Endura Products
	Product Name	Plastpro Opaque Fiberglass Side Hinged Door, Inswing/Outswing, Non-Imp Resistant Door Panels, Double
	Drawing	TX-4662
	Test Standards	ASTM E 330-14

**Impact Resistance:**

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

**Acceptance of Smaller Assemblies:** Door assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations specified in this report.

**Sidelites:** Sidelites must only be installed with doors. Sidelites are not to be installed individually.

**Installation:**

System	
1-6	Type of Installation
	Wall Framing
	Fasteners
	Fastener Location/Spacing
	Fastener Penetration
Installed and anchor doors in accordance with Endura drawings TX-4657, TX-4658, TX-4659, TX-4660, TX-4661, and TX-4662. Drawings dated November 9, 2016. Revision 1 dated October 26, 2021. Signed & sealed by Lyndon F. Schmidt, P.E. on November 11, 2021.	

**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.