

Product Evaluation

DR709 | 0122

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-709

Effective Date: January 1, 2022

Re-evaluation Date: January 2026

Product Name: Plastpro Glazed Fiberglass Side Hinged Doors, Inswing or Outswing, Singles with or without Sidelites, and Doubles, Frame Installation, 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	6'-0" x 6'-8" Double Door; XX	<p><u>Lip Lite Glazed</u> Inswing: +40/ -40 psf Outswing: +35 /- 35 psf</p> <p><u>Flush Glazed</u> Inswing: +55 / -55 psf Outswing: +65 / -65 psf</p>	TX-4415

General Description:

System	Description	Label Rating	Drawing Number
2	6'-0" x 8'-0" Double Door; XX	<p><u>Lip Lite Glazed</u> Inswing: +45 / -45 psf Outswing: +55 / -55 psf</p> <p><u>Flush Glazed</u> Inswing: +50 / -55 psf Outswing: +50 / -50 psf</p>	TX-4416
3	3'-0" x 6'-8" Single Door; X	<p><u>Lip Lite Glazed</u> +30 / - 30 psf</p> <p><u>Flush Glazed</u> Inswing: +55 / -55 psf Outswing: +70 / -70 psf</p>	TX-4663
4	3'-0" x 6'-8" Single Door w/ Sidelites; OXO	<p><u>Lip Lite Glazed</u> +30 / - 30 psf</p> <p><u>Flush Glazed</u> Inswing: +55 / -55 psf Outswing: +70 / -70 psf</p>	TX-4664
5	3'-0" x 8'-0" Single Door; X	<p><u>Lip Lite Glazed</u> +40 / -40 psf</p> <p><u>Flush Glazed</u> Inswing: +55 / -55 psf Outswing: +60 / -60 psf</p>	TX-4665
6	3'-0" x 8'-0" Single Door w/ Sidelites; OXO	<p><u>Lip Lite Glazed</u> +40 / -40 psf</p> <p><u>Flush Glazed</u> Inswing: +55 / -55 psf Outswing: +60 / -60 psf</p>	TX-4666

Product Dimensions:

System	Maximum Overall Size	Operable Panel Size	Maximum Panel Daylight Opening Size
1	74" x 82"	35-3/4" x 79-1/4"	Door: 26-1/4" x 65-15/16" Sidelite: N/A
2	74" x 98"	35-3/4" x 95-1/4"	Door: 25" x 79" Sidelite: N/A
3	37-1/2" x 82"	35-3/4" x 79-1/4"	Door: 26-1/4" x 65-15/16" Sidelite: N/A
4	112-1/4" x 82"	35-3/4" x 79-1/4"	Door & Sidelite: 26-1/4" x 65-15/16"
5	37-1/2" x 98"	35-3/4" x 95-1/4"	Door: 25" x 79" Sidelite: N/A

Product Dimensions:

System	Maximum Overall Size	Operable Panel Size	Maximum Panel Daylight Opening Size
6	112-1/4" x 98"	35-3/4" x 95-1/4"	Door & Sidelite: 25" x 79"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-2	Hinges	3 for 6'8" doors 4 for 8'0" doors	Install hardware in accordance with drawing No. TX-4415 and TX-4416, dated December 4, 2013. Revision 4 dated November 11, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 15, 2021.
	Trilennium Series 3000 Multipoint Locking System	1	
	Multipoint strike plate	1	
	Astragal strike plate	1	
3-6	Hinges	3 for 6'8" doors 4 for 8'0" doors	Install hardware in accordance with drawing No. TX-4663 through TX-4666, dated November 9, 2016. Revision 2 dated November 11, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 15, 2021.
	Trilennium Series 3000 Multipoint Locking System	1	
	Multipoint strike plate	1	

Product Identification (Manufacturer Label on Door):

System		
1-2	Manufacturer's name	Endura Products, Inc.
	Product name	Plastpro Glazed Fiberglass Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Double
	Test standards	ASTM E330-14
3-6	Manufacturer's name	Endura Products, Inc.
	Product name	Plastpro Glazed Fiberglass Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Single and Single w/ Sidelites
	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.

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

Installation:

System		
1-2	Type of installation	Install in accordance with drawing No. TX-4415 and TX-4416, dated December 4, 2013. Revision 4 dated November 11, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 15, 2021.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	
3-6	Type of installation	Install in accordance with drawing No. TX-4663 through TX-4666, dated November 9, 2016. Revision 2 dated November 11, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on November 15, 2021.
	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.