

Product Evaluation

DR446 | 0820

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-446

Effective Date: August 1, 2020

Re-evaluation Date: August 2024

Product Name: 8'-0" Opaque Fiberglass Side Hinged Doors, Inswing and Outswing, Singles and Doubles, with or without Sidelites, Non-Impact Resistant

Manufacturer: Plastpro, Inc.
5200 W. Century Blvd.
Los Angeles, CA 90045
(440) 969-9773

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 8'-0" Single Door (X)	Inswing: +55 / -60 psf Outswing: +55 / -55 psf	TX-4066
2	3'-0" x 8'-0" Single Door w/ Boxed Sidelite & Combination Reinforced Mullion (XO, OX)	+45 / -45 psf	TX-4066
3	3'-0" x 8'-0" Single Door w/ Boxed Sidelites & Combination Reinforced Mullions (OXO)	+45 / -45 psf	TX-4066
4	6'-0" x 8'-0" Double Door (XX)	Inswing: +55 / -60 psf Outswing: +55 / -55 psf	TX-4067
5	6'-0" x 8'-0" Double Door w/ Boxed Sidelites & Combination Reinforced Mullions (OXXO)	+45 / -45 psf	TX-4067

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	Inswing: 37.25" x 98" Outswing: 37.25" x 96"	35.75" x 95.25"	N/A
2	Inswing: 76" x 98" Outswing: 76" x 96"	35.75" x 95.25"	Door: N/A Sidelite: 21" x 79"
3	Inswing: 114.75" x 98" Outswing: 114.75" x 96"	35.75" x 95.25"	Door: N/A Sidelite: 21" x 79"
4	Inswing: 74" x 98" Outswing: 74" x 96"	35.75" x 95.25"	N/A
5	Inswing: 151.50" x 98" Outswing: 151.50" x 96"	35.75" x 95.25"	Door: N/A Sidelite: 21" x 79"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-5	Hinges	4	Install in accordance with Plastpro drawing No. TX-4066 and TX-4067, dated April 12, 2010. Revision 1 dated May 28, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on May 28, 2020.
	Trillanium Multi-point Lock Assembly by W & F	3	
	DLP Aluminum Astragal	1	

Product Identification (Manufacturer Label on Door):

System		
1-3	Certification agency	Self-labeled
	Manufacturer's name	Plastpro, Inc.
	Product name	Opaque Fiberglass Side Hinged Doors, Inswing & Outswing, Non-Impact Resistant Door Panels, Singles w/ or w/out Sidelites
	Test standards	ASTM E330-14
4-5	Certification agency	Self-labeled
	Manufacturer's name	Plastpro, Inc.
	Product name	Opaque Fiberglass Side Hinged Doors, Inswing & Outswing, Non-Impact Resistant Door Panels, Doubles w/ or w/out Sidelites
	Test standards	ASTM E330-14

Impact Resistance:

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

Installation:

System	
1-5	Type of installation
	Wall framing
	Fasteners
	Fastener location/spacing
	Fastener penetration
Install in accordance with Plastpro drawing No. TX-4066 and TX-4067, dated April 12, 2010. Revision 1 dated May 28, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on May 28, 2020.	

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.