

Product Evaluation

DR440 | 1122

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-440

Effective Date: November 1, 2022

Re-evaluation Date: October 2024

Product Name: 7'-0" Glazed Fiberglass Side Hinged Doors, Inswing and Outswing, Singles and Doubles, with or without Sidelites, 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 7'-0" Single Door (X)	Inswing: +50 / -55 psf Outswing: +50 / -50 psf Missile Level D	TX-4068
2	3'-0" x 7'-0" Single Door w/ Boxed Sidelite & Combination Reinforced Mullion (XO, OX)	Inswing: +50 / -55 psf Outswing: +50 / -50 psf Missile Level D	TX-4068
3	3'-0" x 7'-0" Single Door w/ Boxed Sidelites & Combination Reinforced Mullions (OXO)	Inswing: +50 / -55 psf Outswing: +50 / -50 psf Missile Level D	TX-4068
4	6'-0" x 7'-0" Double Door (XX)	Inswing: +50 / -55 psf Outswing: +50 / -50 psf Missile Level D	TX-4069

General Description:

System	Description	Label Rating	Drawing Number
5	6'-0" x 7'-0" Single Door w/ Boxed Sidelites & Combination Reinforced Mullions (OXXO)	Inswing: +50 / -55 psf Outswing: +50 / -50 psf Missile Level D	TX-4069

Product Dimensions:

System	Max. Overall Size	Operable Panel Size	Maximum Daylight Opening Size
1	Inswing: 37-1/4" x 86" Outswing: 37-1/4" x 84"	35-3/4" x 83-1/4"	20.62" x 62.63"
2	Inswing: 76" x 86" Outswing: 76" x 84"	35-3/4" x 83-1/4"	20.62" x 62.63"
3	Inswing: 114-3/4" x 86" Outswing: 114-3/4" x 84"	35-3/4" x 83-1/4"	20.62" x 62.63"
4	Inswing: 74" x 86" Outswing: 74" x 84"	35-3/4" x 83-1/4"	20.62" x 62.63"
5	Inswing: 151-1/2" x 86" Outswing: 151-1/2" x 84"	35-3/4" x 83-1/4"	20.62" x 62.63"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-5	Hinges	3	Install in accordance with Plastpro, Inc. drawing No. TX-4068 and TX-4069, dated April 13, 2010. Revision 1 dated September 21, 2022. Signed and sealed by Lyndon F. Schmidt, P.E. on October 31, 2022.
	Trilennium Multi-point Lock	1	
	DLP Aluminum Astragal	1	

Product Identification (Manufacturer Label on Door):

System		
1-3	Certification agency	Self-labeled
	Manufacturer's name	Plastpro, Inc
	Product name	Glazed Fiberglass Side Hinged Doors, Inswing/Outswing, Impact Resistant Door Panels, Singles w/ or w/out Sidelites
	Test standards	ASTM E330-14/E1886-13a/E1996-14a Missile Level D

Product Identification (Manufacturer Label on Door):

System		
4-5	Certification agency	Self-labeled
	Manufacturer's name	Plastpro, Inc
	Product name	Glazed Fiberglass Side Hinged Doors, Inswing/Outswing, Impact Resistant Door Panels, Doubles w/ or w/out Sidelites
	Test standards	ASTM E330-14/E1886-13a/E1996-14a Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-5	Yes	These products have been tested for windborne debris resistance. They satisfy Missile Level D requirements specified in ASTM E 1996-14a.

Installation:

System		
1-5	Type of installation	Install in accordance with Plastpro drawing No. TX-4068 and TX-4069, dated April 13, 2010. Revision 1 dated September 21, 2022. Signed and sealed by Lyndon F. Schmidt, P.E. on October 31, 2022.
	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.