

Product Evaluation

DR488 | 1021

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-488

Effective Date: October 1, 2021

Re-evaluation Date: October 2025

Product Name: 6'-8" Glazed 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 ¹	Drawing Number
1	3'-0" x 6'-8" Single Door (X)	+50 / -50 psf	TX-4119
2	3'-0" x 6'-8" Single Door w/ Boxed Sidelite & Combination Reinforced Mullion (OX, XO)	+45 / -45 psf	TX-4120
3	3'-0" x 6'-8" Single Door w/ Boxed Sidelites & Combination Reinforced Mullions (OXO)	+45 / -45 psf	TX-4120
4	6'-0" x 6'-8" Double Door (XX)	+45 / -45 psf	TX-4121
5	6'-0" x 6'-8" Double Door w/ Boxed Sidelites & Combination Reinforced Mullions (OXXO)	+45 / -45 psf	TX-4121

Note: ¹ Maximum design pressures for the hardware for System 1 are limited. Refer to the approved drawings for the design pressure limitations.

Product Dimensions:

System	Maximum Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	37-1/2" x 82"	35-3/4" x 79-1/4"	21" x 63"
2	53-3/4" x 82"	35-3/4" x 79-1/4"	Door: 21" x 63" Sidelite: 6" x 63"
3	70" x 82"	35-3/4" x 79-1/4"	Door: 21" x 63" Sidelite: 6" x 63"
4	74" x 82"	35-3/4" x 79-1/4"	21" x 63"
5	106-3/4" x 82"	35-3/4" x 79-1/4"	Door: 21" x 63" Sidelite: 7" x 63"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-5	Hinges	3	Install hardware in accordance with drawing No. TX-4119, TX-4120, and TX-4121, dated January 17, 2011. Revision 2 dated August 19, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on August 23, 2021.
	Knob: Kwikset Signature Series Deadbolt: Kwikset Signature Series (780) OR Knob: Schlage "F" Series (F10) Lever: Schlage "F" Series (F10) Deadbolt: Schlage "B" Series (B60/62) OR Handle Set w/ Deadbolt: Schlage "F" Series (F60)	1 each	
	Latch and Deadbolt strike plate	1 each	

Product Identification (Manufacturer Label on Door):

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

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

Installation:

System		
1-5	Type of installation	Install in accordance with drawing No. TX-4119, TX-4120, and TX-4121, dated January 17, 2011. Revision 2 dated August 19, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on August 23, 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.