

Product Evaluation

DR787 | 1120

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-787

Effective Date: November 1, 2020

Re-evaluation Date: November 2024

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

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

General Description:

System	Description	Label Rating ¹	Drawing Number
1	3'-0" x 8'-0" Single Door; X	+55 / -60 psf	TX-4594
2	3'-0" x 8'-0" Single Door w/ Boxed Sidelite & Combination Mullion; OX, XO	Unreinforced Mullion +40 / -50 psf Reinforced Mullion +45 / -50 psf	TX-4594
3	3'-0" x 8'-0" Single Door w/ Boxed Sidelites & Combination Mullions; OXO	Unreinforced Mullion +40 / -50 psf Reinforced Mullion +45 / -50 psf	TX-4594

Note: ¹ Design pressure for the hardware is limited. Refer to the approved drawings for the design pressure limitations.

General Description (continued):

System	Description	Label Rating ¹	Drawing Number
4	6'-0" x 8'-0" Double Door; XX	+50 / -60 psf	TX-4595
5	6'-0" x 8'-0" Double Door w/ Boxed Sidelites & Combination Mullions; OXXO	+50 / -55 psf	TX-4595

Note: ¹ Design pressure for the hardware is limited. Refer to the approved drawings for the design pressure limitations.

Product Dimensions:

System	Overall Size	Operable Panel Size	Panel Daylight Opening Size
1	37-1/2" x 98"	35-3/4" x 95-1/4"	25" x 79"
2	75-1/2" x 98"	35-3/4" x 95-1/4"	Door & Sidelite: 25" x 79"
3	113-1/2" x 98"	35-3/4" x 95-1/4"	Door & Sidelite: 25" x 79"
4	74" x 98"	35-3/4" x 95-1/4"	25" x 79"
5	148-1/2" x 98"	35-3/4" x 95-1/4"	Door & Sidelite: 25" x 79"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-5	Hinges	4	Install hardware in accordance with Plastpro drawings No. TX-4594 and TX-4595, dated January 13, 2016. Revision 1 dated May 21, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on May 26, 2020.
	Knob: Kwikset Signature Series Deadbolt: Kwikset Series (660) OR Knob: Schlage F51 Deadbolt: Schlage B60N OR Knob: Yale New Traditions Deadbolt: Yale YH82 OR Multi-point Lock: Endura Trilennium 3000 Series (3-pt)	1 each	
	Latch and Deadbolt strike plate	1 each	
	Multi-point Lock strike plate	1	

Product Identification (Manufacturer Label on Door):

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

Product Identification (Manufacturer Label on Door):

System		
4-5	Manufacturer's name	Plastpro, Inc.
	Product name	Flush Glazed Fiberglass Side Hinged Doors, Inswing, 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 are acceptable within the limitations of this report.

Installation:

System		
1-5	Type of installation	Install in accordance with Plastpro drawings No. TX-4594 and TX-4595, dated January 13, 2016. Revision 1 dated May 21, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on May 26, 2020.
	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.