

Product Evaluation

DR1252 | 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-1252

Effective Date: November 1, 2022

Re-evaluation Date: November 2026

Product Name: Plastpro Opaque and 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 8'-0" Opaque Single Door Inswing/Outswing; (X)	Inswing: +60 / -65 psf Outswing: +60 / -60 psf	TX-5281
2-3	3'-0" x 8'-0" Opaque Single Door w/ Sidelite(s) & Integral Mullion(s), Inswing/Outswing; OX, XO, OXO	w/out Jamb Reinforcement Inswing: +40 / -45 psf Outswing: +40 / -40 psf w/ 2X Jamb Reinforcement Inswing: +45 / -50 psf Outswing: +45 / -45 psf	TX-5281
4	6'-0" x 8'-0" Opaque Double Door Inswing/Outswing; (XX)	Inswing: +45 / -50 psf Outswing: +45 / -45 psf	TX-5282

General Description:

System	Description	Label Rating	Drawing Number
5	6'-0" x 8'-0" Opaque Double Door w/ Boxed Sidelites & Combination Mullions, Inswing/Outswing; (OXXO)	Inswing: +45 / -50 psf Outswing: +45 / -45 psf	TX-5282
6	3'-0" x 8'-0" Glazed Single Door Inswing/Outswing; (X)	Inswing: +45 / -50 psf Outswing: +45 / -45 psf	TX-5283
7-8	3'-0" x 8'-0" Glazed Single Door w/ Sidelite(s) & Integral Mullion(s), Inswing/Outswing; OX, XO, OXO, OOX, XOO	w/out Jamb Reinforcement Inswing: +40 / -45 psf Outswing: +40 / -40 psf w/ 2X Jamb Reinforcement Inswing: +45 / -50 psf Outswing: +45 / -45 psf	TX-5283
9	6'-0" x 8'-0" Glazed Double Door Inswing/Outswing; (XX)	Inswing: +45 / -50 psf Outswing: +45 / -45 psf	TX-5284
10	6'-0" x 8'-0" Glazed Double Door w/ Boxed Sidelites & Combination Mullions, Inswing/Outswing; (OXXO)	Inswing: +45 / -50 psf Outswing: +45 / -45 psf	TX-5284

Product Dimensions:

System	Maximum Overall Size	Operable Panel Size	Panel Daylight Opening Size
1	Inswing: 37-1/2" x 98" Outswing: 37-1/2" x 97-1/8"	Door: 35-3/4" x 95-1/4"	Door: N/A
2	Inswing: 76-1/4" x 98" Outswing: 76-1/4" x 97-1/8"	Door: 35-3/4" x 95-1/4" Sidelite: 35-3/4" x 95-1/4"	Door: N/A Sidelite: 21-1/8" x 79-1/8"
3	Inswing: 115" x 98" Outswing: 115" x 97-1/8"	Door: 35-3/4" x 95-1/4" Sidelite: 35-3/4" x 95-1/4"	Door: N/A Sidelite: 21-1/8" x 79-1/8"
4	Inswing: 74" x 98" Outswing: 74" x 97-1/8"	Door: 35-3/4" x 95-1/4"	Door: N/A
5	Inswing: 148-1/2" x 98" Outswing: 148-1/2" x 97-1/8"	Door: 35-3/4" x 95-1/4" Sidelite: 35-3/4" x 95-1/4"	Door: N/A Sidelite: 21-1/8" x 79-1/8"
6	Inswing: 37-1/2" x 98" Outswing: 37-1/2" x 97-1/8"	Door: 35-3/4" x 95-1/4"	Door: 21-1/8" x 79-1/8"
7	Inswing: 76-1/4" x 98" Outswing: 76-1/4" x 97-1/8"	Door: 35-3/4" x 95-1/4" Sidelite: 35-3/4" x 95-1/4"	Door: 21-1/8" x 79-1/8" Sidelite: 21-1/8" x 79-1/8"
8	Inswing: 115" x 98" Outswing: 115" x 97 1/8"	Door: 35-3/4" x 95-1/4" Sidelite: 35-3/4" x 95-1/4"	Door: 21-1/8" x 79-1/8" Sidelite: 21-1/8" x 79-1/8"
9	Inswing: 74" x 98" Outswing: 74" x 97-1/8"	Door: 35-3/4" x 95-1/4"	Door: 21-1/8" x 79-1/8"
10	Inswing: 148-1/2" x 98" Outswing: 148-1/2" x 97-1/8"	Door: 35-3/4" x 95-1/4" Sidelite: 35-3/4" x 95-1/4"	Door: 21-1/8" x 79-1/8" Sidelite: 21-1/8" x 79-1/8"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-10	4" Butt Hinges	4 per panel	Install in accordance w/ Plastpro drawings TX-5281, TX-5282, TX-5283 & TX-5284, dated August 18, 2022, signed & sealed by Lyndon F. Schmidt, P.E. on August 30, 2022.
	Kwikset Series Lockset (400) & Deadbolt (660) OR Kwikset Signature Series Lockset & Deadbolt (980) OR Schlage F Series Lockset & B60 Series Deadbolt	1 each	

Product Identification (Manufacturer Label on Door):

System		
1-3	Manufacturer's name	Plastpro
	Product name	Opaque Plastpro Fiberglass Side Hinged Doors, Inswing;/Outswing, Imp Resistant Door Panels, Singles & Singles w/ Sidelite(s)
	Drawing	TX-5281
	Test standards	ASTM E330-14, E1886-13a, E1996-14a, Missile Level D
4-5	Manufacturer's name	Plastpro
	Product name	Opaque Plastpro Fiberglass Side Hinged Doors, Inswing/Outswing, Imp Resistant Door Panels, Doubles & Doubles w/ Sidelite(s)
	Drawing	TX-5282
	Test standards	ASTM E330-14, E1886-13a, E1996-14a, Missile Level D
6-8	Manufacturer's name	Plastpro
	Product name	Glazed Plastpro Fiberglass Side Hinged Doors, Inswing/Outswing, Imp Resistant Door Panels, Singles & Singles w/ Sidelite(s)
	Drawing	TX-5283
	Test standards	ASTM E330-14, E1886-13a, E1996-14a, Missile Level D

Product Identification (Manufacturer Label on Door):

System		
9-10	Manufacturer's name	Plastpro
	Product name	Glazed Plastpro Fiberglass Side Hinged Doors, Inswing/Outswing, Imp Resistant Door Panels, Doubles & Doubles w/ Sidelite(s)
	Drawing	TX-5284
	Test standards	ASTM E330-14, E1886-13a, E1996-14a, Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-10	Yes	These products have been tested for windborne debris resistance. They satisfy Missile Level D requirements specified in ASTM E 1996-14a.

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

Installation:

System		
1-10	Type of installation	Install in accordance w/ Plastpro drawings TX-5281, TX-5282, TX-5283 & TX-5284, dated August 18, 2022, signed & sealed by Lyndon F. Schmidt, P.E. on August 30, 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.