



# Product Evaluation

DR639 | 1214

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-639

**Effective Date:** December 1, 2014

**Re-evaluation Date:** June 2018

**Product Name:** 6'-8" Opaque Fiberglass Doors, Inswing/Outswing, Non-Impact Resistant Door Panels, Singles, with and without Non-Impact resistant sidelites

**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 6'-8" Opaque Fiberglass Single Door w/Transom, Inswing/Outswing (O/X)	Inswing +35/-45 psf Outswing ± 35 psf	TX-4102
2	3'-0" x 6'-8" Opaque Fiberglass Single Door w/Transom, Inswing/Outswing w/Sidelite and Integral Mullion (O/OX or O/XO)	Inswing +35/-45 psf Outswing ±35 psf	TX-4102
3	3'-0" x 6'-8" Opaque Fiberglass Single Door w/Transom, Inswing/Outswing w/ Sidelites and Intregal Mullion (O/OXO)	Inswing +35/-45 psf Outswing +35/-35 psf	TX-4102
4	3'-0" x 6'-8" Opaque Fiberglass Single Door Inswing/Outswing w/ Sidelite and Integral Mullion (XO or OX)	Inswing +35/-45 psf Outswing +35/-35 psf	TX-4103

**General Description (cont.):**

System	Description	Label Rating	Drawing Number
5	3'-0" x 6'-8" Opaque Fiberglass Single Door, Inswing/Outswing w/ Sidelites and Integral mullion (OXO)	Inswing +35/-45 psf Outswing +35/-35 psf	TX-4103

**Component Dimensions:**

System	Overall Size	Panel Size	Maximum Daylight Opening Size
1	Inswing: 37-1/2" x 98" Outswing: 37-1/2" x 98"	Door: 35-3/4" x 79-1/4" Transom: 37-1/2" x 14-1/2" Sidelite: N/A	Transom: 35" x 12" Sidelite: N/A
2	Inswing: 53" x 98" Outswing: 53" x 98"	Door: 35-3/4" x 79-1/4" Transom: 53" x 14-1/2" Sidelite: 13-7/8" x 79-1/4"	Transom: 50-1/2" x 12" Sidelite: 6" x 63"
3	Inswing: 68-1/2" x 98" Outswing: 68-1/2" x 98"	Doors: 35-3/4" x 79-1/4" Transom: 68-1/2" x 14-1/2" Sidelite: 13-7/8" x 79-1/4"	Transom: 66" x 12" Sidelites: 6" x 63"
4	Inswing: 53" x 82" Outswing: 53" x 82"	Door: 35-3/4" x 79-1/4" Sidelite: 13-7/8" x 79-1/4"	Sidelite: 6" x 63"
5	Inswing: 68-1/2" x 82" Outswing: 68-1/2" x 82"	Door: 35-3/4" x 79-1/4" Sidelites: 13-7/8" x 79-1/4"	Sidelite: 6" x 63"

**Components and Hardware:**

System	Component	Quantity	Attachment Method
1-5	4" Butt Hinges	3	Install hardware and components in accordance with Plastpro drawings TX-4102 and TX-4103, dated June 23, 2010 by Lyndon F. Schmidt, P.E. on July 1, 2010.
	Lock and deadbolt strike plate	1 per lockset and deadbolt	
	Kwikset Series 720 Lockset	1	
	Kwikset Series (780) Deadbolt	1	

**Product Identification (Certification Agency Label on Door):**

System		
1-2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Plastpro, Inc., Ashtabula, OH
	Product Name	Opaque Fiberglass Doors, Inswing / Outswing, Non-Impact Resistant Door Panels, Singles, w / wo Non-Impact Sidelites
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
	Drawing	TX-4102

**Product Identification (Certification Agency Label on Door) – cont.:**

System		
3-5	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Plastpro, Inc., Ashtabula, OH
	Product Name	Opaque Fiberglass Doors, Inswing / Outswing, Non-Impact Resistant Door Panels, Singles, w / wo Non-Impact Sidelites
	Test Standards	ASTM E330-02
	Drawing	TX-4103

**Impact Resistance:**

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

**Installation:**

System			
1-5	Type of Installation	Door Frame	
	Wall Framing	Wood ( $G \geq 0.42$ ) or Concrete (minimum 3000 psi)	
	Fastener Embedment	Wood: Minimum of 1-1/2" into wood framing Concrete: Minimum of 1-3/4" into the concrete	
	Fastener Location/Spacing	Head	Install the doors in accordance with Plastpro drawings TX-4102 and TX-4103, dated June 23, 2010, signed and sealed by Lyndon F. Schmidt, P.E. on July 1, 2010.
		Sill	
Side Jamb			
Hinges			

**Note:** The manufacturer's installation instructions must be available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.