



Product Evaluation

DR443 | 0415

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-443

Effective Date: April 2015

Re-evaluation Date: March 2019

Product Name: 8'-0" Glazed Fiberglass Doors Inswing / Outswing, Impact Resistant Door Panels, Singles & Doubles with and without 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 8'-0" Glazed Fiberglass Single Door, Inswing / Outswing (X)	Inswing +50/-55 psf Outswing ±50 psf	TX-4072
2	3'-0" x 8'-0" Glazed Fiberglass Single Door, Inswing / Outswing w/ Boxed Sidelite and Combination Reinforced Mullion (XO /OX)	Inswing +50/-55 psf Outswing ±50 psf	TX-4072
3	3'-0" x 8'-0" Glazed Fiberglass Single Door, Inswing / Outswing w/ Boxed Sidelite and Combination Reinforced Mullion (OXO)	Inswing +50/-55 psf Outswing ±50 psf	TX-4072
4	6'-0" x 8'-0" Glazed Fiberglass Double Door, Inswing / Outswing (XX)	Inswing +50/-55 psf Outswing ±50 psf	TX-4073

General Description (continued):

System	Description	Label Rating	Drawing Number
5	6'-0" x 8'-0" Glazed Fiberglass Double Door, Inswing / Outswing w/ Boxed Sidelite and Combination Reinforced Mullion (OXXO)	Inswing +50/-55 psf Outswing ±50 psf	TX-4073

Component Dimensions:

System	Overall Size	Panel Size	Maximum Daylight Opening Size
1	Inswing: 37-1/4" x 98" Outswing: 37-1/4" x 96"	Door 35-3/4" x 95-1/4"	21" x 79"
2	Inswing: 76" x 98" Outswing: 76" x 96"	Door: 35-3/4" x 95-1/4" Sidelite: 35-3/4" x 95-1/4"	21" x 79"
3	Inswing: 114-3/4" x 98" Outswing: 114-3/4" x 96"	Door: 35-3/4" x 95-1/4" Sidelite: 35-3/4" x 95-1/4"	21" x 79"
4	Inswing: 74" x 98" Outswing: 74" x 96"	Door 35-3/4" x 95-1/4"	21" x 79"
5	Inswing: 151-1/2" x 98" Outswing: 151-1/2" x 96"	Door: 35-3/4" x 95-1/4" Sidelite: 35-3/4" x 95-1/4"	21" x 79"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-5	Trillanium Multi-point Lock Assembly by W & F	1	Install hardware in accordance with Plastpro, Inc. drawings TX-4072 and TX-4073 dated April 13, 2010, drawing TX-4072 signed and sealed by Lyndon F. Schmidt, P.E. on April 19, 2010, and drawing TX-4073 signed and sealed on February 4, 2014.
	DLP Aluminum Astragal	1	
	4" Steel Butt Hinges	4	

Product Identification (Certification Agency Label on Door):

System		
1-5	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Plastpro, Inc.
	Product Name	Glazed Fiberglass Doors
	Drawing	TX-4072 and TX-4073
	Test Standards	AAMA/WDMA/101/I.S.2/A440-05/ Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-5	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at any height on the structure that does not exceed the assemblies' design pressure rating.

Installation:

System						
1-5	Type of Installation	Door Frame				
	Wall Framing	Spruce-Pine-Fir				
	Fasteners	Refer to drawing TX-4072 and TX-4073				
	Fastener Embedment	Wood: Minimum of 1-1/2" into wood framing Concrete: Minimum of 1-3/4" into concrete				
	Fastener Location/Spacing	<table border="1"> <tr> <td>Head</td> <td rowspan="4">Install and anchor the doors in accordance with Plastpro, Inc. drawings TX-4072 and TX-4073, dated April 13, 2010, drawing TX-4072 signed and sealed by Lyndon F. Schmidt, P.E. on April 19, 2010, and drawing TX-4073 signed and sealed on February 4, 2014.</td> </tr> <tr> <td>Sill</td> </tr> <tr> <td>Side Jamb</td> </tr> <tr> <td>Hinges</td> </tr> </table>	Head	Install and anchor the doors in accordance with Plastpro, Inc. drawings TX-4072 and TX-4073, dated April 13, 2010, drawing TX-4072 signed and sealed by Lyndon F. Schmidt, P.E. on April 19, 2010, and drawing TX-4073 signed and sealed on February 4, 2014.	Sill	Side Jamb
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Sill						
Side Jamb						
Hinges						

Note: Keep the manufacturer’s installation instructions on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.