



Product Evaluation

DR628 | 0516

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-628 **Effective Date:** May 2016
Re-evaluation Date: May 2019

Product Name: 8'-0" Rustic/Mahogany Opaque Fiberglass Plastpro Entry Doors, Inswing & Outswing, Singles, with and without Sidelights, Impact Resistant

Manufacturer: Plastpro, Inc.
5200 W. Century Blvd.
Los Angeles, CA
(440) 969-9773

General Description:

System	Description	Label Rating	Drawing Number
1	3'-6" x 8'-0" Opaque Fiberglass Single Door Inswing/Outswing; (X)	Inswing ±55 psf Outside ±55 psf	TX-4482
2	3'-6" x 8'-0" Opaque Fiberglass Single Door, w/ Boxed Sidelite & Combination Reinforced Mullion, Inswing/Outswing; (OX / XO)	Inswing ±55 psf Outside ±55 psf	TX-4482
3	3'-6" x 8'-0" Opaque Fiberglass Single Door, w/ Boxed Sidelites & Combination Reinforced Mullions, Inswing/Outswing; (OXO)	Inswing ±55 psf Outside ±55 psf	TX-4482

Component Dimensions:

System	Overall Size	Panel Size	Maximum Daylight Opening Size
1	Inswing: 43-1/2" x 98" Outswing: 43-1/2" x 97"	41-3/4" x 95-1/4"	N/A
2	Inswing: 60-1/2" x 98" Outswing: 60-1/2" x 97"	41-3/4" x 95-1/4"	Sidelight 6-1/2" x 78-1/2"
3	Inswing: 77-1/2" x 98" Outswing: 77-1/2" x 97"	41-3/4" x 95-1/4"	Sidelight 6-1/2" x 78-1/2"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-3	4" Butt Hinges	3 per leaf	Hardware must be installed in accordance with Plastpro, Inc. drawings TX-4482, signed & sealed by Lyndon F. Schmidt, P.E. on November 17, 2014
	Kwikset Series Knob (400) & Deadbolt (660) Grade 3 Deadbolt	1 each	

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Plastpro, Inc.
	Product Name	3'-6" x 8'-0" Opaque Fiberglass Single Door, Inswing/Outswing
	Drawing	TX-4482
	Test Standards	ASTM E 330-02, E 1886-05/1996-06
2	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Plastpro, Inc.
	Product Name	3'-6" x 8'-0" Opaque Fiberglass Single Door w/ Sidelite, Inswing/Outswing
	Drawing	TX-4482
	Test Standards	ASTM E 330-02, E 1886-05/1996-06
3	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Plastpro, Inc.
	Product Name	3'-6" x 8'-0" Opaque Fiberglass Single Door w/ Sidelites, Inswing/Outswing
	Drawing	TX-4482
	Test Standards	ASTM E 330-02, E 1886-05/1996-06

Impact Resistance:

System	Impact Resistant	Requirement
1-3	Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone. The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

Installation:

System		
1-3	Type of Installation	New or Replacement Construction
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No. 10 x 2-1/2" long PFH wood screws 1/4" diameter ELCO or ITW concrete screws
	Fastener Embedment	Wood: Minimum of 1-3/16" into wall framing Wood/Concrete: Minimum 1-3/4" into the sill
	Fastener Location/Spacing	Head
Sill		
Side Jambs		
Hinges		

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