

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION
DR-637

Effective Date: August 1, 2013
Reevaluation Date: **August 2017**

*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 shall be subject to reevaluation **August 2017**.*

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.

6'-8" Opaque Fiberglass Doors, Inswing/ Outswing, Non-Impact Resistant Door Panels, Singles & Doubles w/ & w/o Non-Impact Resistant Sidelites, manufactured by

Plastpro, Inc.
5200 W. Century Blvd.
Los Angeles, CA 90045
Telephone No.: 440.969.9773

will be acceptable in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with this product evaluation.

PRODUCT DESCRIPTION

This product consists of Glazed fiberglass side hinged doors, with and without sidelites, single and double configurations, hung in poly fiber or wood frames. This product evaluation report is for door assemblies based on tested construction to provide the following assemblies:

General Description:

Assembly	Description	Label Rating	Drawing Number
1	3'-0" x 6'-8" Opaque Fiberglass Single Door, Inswing/Outswing (X)	Inswing ± 70 psf Outswing ± 70 psf	TX-4114
2	3'-0" x 6'-8" Opaque Fiberglass Single Door, Inswing/Outswing w/ Boxed Sidelite & Comb. Reinforced Mullion (XO/OX)	Inswing +55, -60 psf Outswing ± 55 psf	TX-4115
3	3'-0" x 6'-8" Opaque Fiberglass Single Door, Inswing/Outswing w/ Boxed Sidelites & Comb. Reinforced Mullion (OXO)	Inswing +55, -60 psf Outswing ± 55 psf	TX-4115

General Description (cont.):

Assembly	Description	Label Rating	Drawing Number
4	6'-0" x 6'-8" Opaque Fiberglass Double Door, Inswing/Outswing (XX)	Inswing \pm 45 psf Outswing \pm 45 psf	TX-4116
5	6'-0" x 6'-8" Opaque Fiberglass Double Door, Inswing/Outswing w/ Boxed Sidelites & Comb. Reinforced Mullion (OXXO)	Inswing \pm 50 psf Outswing \pm 50 psf	TX-4116

Product Dimensions:

Assembly	Overall Frame Assembly Size	Fixed/Operable Panel Sizes	Sidelite Glazed Panel Sizes
1	Inswing: 37.5" x 82" Outswing: 37.5" x 80.5"	Door 35.75" x 79.25"	NA
2	Inswing: 53.75" x 82" Outswing: 53.75" x 80.5"	Door 35.75" x 79.25" Sidelite 13.875" x 79.25"	7" x 63"
3	Inswing: 70" x 82" Outswing: 70" x 80.5"	Door 35.75" x 79.25" Sidelites 13.875" x 79.25"	7" x 63"
4	Inswing: 74" x 82" Outswing: 74" x 80.5"	Door 35.75" x 79.25"	NA
5	Inswing: 106.75" x 82" Outswing: 106.75" x 80.5"	Door 35.75" x 79.25" Sidelites 13.875" x 79.25"	7" x 63"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-5	4" Butt Hinges	3 per door	Hardware and components shall be installed in accordance with Plastpro drawings TX-4114, TX-4115 and TX-4116, dated January 17, 2011, signed and sealed by Lyndon F. Schmidt, P.E. on January 31, 2011.
	Lock and deadbolt strike plate	1 per lockset and deadbolt	
	Kwikset Signature Series Lockset or Schlage F Series Lockset	1	
	Kwikset Signature Series (780) Deadbolt or Schlage B Series (B60/62) Deadbolt	1	

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Plastpro, Inc., Los Angeles, CA
	Product Name	Opaque Fiberglass Entry Door
	Test Standards	ASTM E330-02
	Drawing Number	TX-4114
2	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Plastpro, Inc., Los Angeles, CA
	Product Name	Opaque Single Fiberglass Door with Sidelite
	Test Standards	ASTM E330-02
	Drawing Number	TX-4115
3	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Plastpro, Inc., Los Angeles, CA
	Product Name	Opaque Single Fiberglass Door with Sidelites
	Test Standards	ASTM E330-02
	Drawing Number	TX-4115
4	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Plastpro, Inc., Los Angeles, CA
	Product Name	Opaque Double Fiberglass Doors
	Test Standards	ASTM E330-02
	Drawing Number	TX-4116
5	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Plastpro, Inc., Los Angeles, CA
	Product Name	Opaque Double Fiberglass Doors with Sidelites
	Test Standards	ASTM E330-02
	Drawing Number	TX-4116

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

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 1.15 inches into wood framing Concrete: Minimum of 1 $\frac{3}{4}$ inches into the concrete	
	Fastener Location/Spacing	Head	The doors shall be installed in accordance with Plastrpro drawings TX-4114, TX-4115 and TX-4116, dated January 17, 2011, signed and sealed by Lyndon F. Schmidt, P.E. on January 31, 2011.
		Sill	
		Side Jamb	
Sidelites			
Hinges			

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.