

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION DR-626

Effective Date: May 1, 2013
Reevaluation Date: **June 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 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.

8'-0" Opaque Rustic/Mahogany/Woodgrain/Smooth Skin Series Fiberglass Entry Doors, Singles and Doubles with and without Sidelites, Impact Resistant, manufactured by

Plastpro, Inc.
5200 W. Century Blvd.
Los Angeles, CA 90045
Telephone: (440) 969-9773

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 8'-0" Opaque Fiberglass Single Door, Inswing/Outswing; (X)	Inswing +60/-65 psf Outswing +60/-60 psf	TX-4283
2	3'-0" x 8'-0" Opaque Fiberglass Single Door w/ Boxed Sidelite & Combination Reinforced Mullion, Inswing/Outswing; (OX/XO)	Inswing +55/-60 psf Outswing +55/-55 psf	TX-4283
3	3'-0" x 8'-0" Opaque Fiberglass Single Door w/ Boxed Sidelites & Combination Reinforced Mullions, Inswing/Outswing; (OXO)	Inswing +55/-60 psf Outswing +55/-55 psf	TX-4283

General Description (continued):

System	Description	Label Rating	Drawing Number
4	6'-0" x 8'-0" Opaque Fiberglass Double Door, Inswing/Outswing; (XX)	Inswing +47/-50 psf Outswing +47/-47 psf	TX-4284
5	6'-0" x 8'-0" Opaque Fiberglass Double Door w/ Boxed Sidelites & Combination Reinforced Mullions, Inswing/Outswing; (OXXO)	Inswing +47/-50 psf Outswing +47/-47 psf	TX-4284

Component Dimensions:

System	Overall Size	Panel Size	Maximum Daylight Opening Size
1	Inswing: 37 1/2" x 98" Outswing: 37 1/2" x 97 1/8"	35 3/4" x 95 1/4"	N/A
2	Inswing: 54 1/2" x 98" Outswing: 54 1/2" x 97 1/8"	35 3/4" x 95 1/4"	6 1/2" x 78 1/2" (ODL Lite Frame) 6 3/4" x 78 3/4" (RSL Lite Frame)
3	Inswing: 71 1/2" x 98" Outswing: 71 1/2" x 97 1/8"	35 3/4" x 95 1/4"	6 1/2" x 78 1/2" (ODL Lite Frame) 6 3/4" x 78 3/4" (RSL Lite Frame)
4	Inswing: 74" x 98" Outswing: 74" x 97 1/8"	35 3/4" x 95 1/4"	N/A
5	Inswing: 108" x 98" Outswing: 108" x 97 1/8"	35 3/4" x 95 1/4"	6 1/2" x 78 1/2" (ODL Lite Frame) 6 3/4" x 78 3/4" (RSL Lite Frame)

Components and Hardware:

System	Component	Quantity	Attachment Method
1-5	4" Butt Hinges	4	Hardware and components shall be installed in accordance with Plastrpro drawings TX-4283 and TX-4284, dated November 29, 2012, signed and sealed by Lyndon F. Schmidt, P.E. on December 5, 2012.
	Lock and deadbolt strike plate	1 per lockset and deadbolt	
	Kwikset Signature Series or Schlage F Series Lockset	1	
	Kwikset Signature Series (780) or Schlage B Series 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; ASTM E 1886-05 and ASTM E 1996-06
	Drawing Number	TX-4283
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; ASTM E 1886-05 and ASTM E 1996-06
	Drawing Number	TX-4283
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; ASTM E 1886-05 and ASTM E 1996-06
	Drawing Number	TX-4283
4	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Plastpro, Inc., Los Angeles, CA
	Product Name	Opaque Fiberglass Double Doors
	Test Standards	ASTM E330-02; ASTM E 1886-05 and ASTM E 1996-06
	Drawing Number	TX-4284
5	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Plastpro, Inc., Los Angeles, CA
	Product Name	Opaque Fiberglass Double Doors with Sidelites
	Test Standards	ASTM E330-02; ASTM E 1886-05 and ASTM E 1996-06
	Drawing Number	TX-4284

Impact Resistance:

Impact Resistant	Requirement
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			
1-5	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-4283 and TX-4284, dated November 29, 2012, signed and sealed by Lyndon F. Schmidt, P.E. on December 5, 2012.
		Sill	
Side Jambs			
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.