



Product Evaluation

DR798 | 1116

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-798

Effective Date: November 1, 2016

Re-evaluation Date: September 2020

Product Name: 10'-0" Glazed Iron Entry Doors, Inswing & Outswing, Singles & Doubles, Impact Resistant

Manufacturer: Florida Iron Doors
1518 SW 13th Ct.
Pompano Beach, FL 33069
Telephone: (888) 482-6444

General Description:

System	Description	Label Rating (psf)		Glazing Detail *	Drawing Number
		Inswing	Outswing		
1	3'-0" x 10'-0" Glazed Iron Arch Top Single Door, Inswing/Outswing; (X)	±70	±70	G1	TX-4604
		±50	+50/-55	G2	
2	3'-0" x 10'-0" Glazed Iron Single Door, Inswing/Outswing; (X)	±70	±70	G1	TX-4605
		±50	+50/-55	G2	
3	3'-0" x 10'-0" Glazed Iron Single Door w/ Transom, Inswing/Outswing; (O/X)	±70	±70	G1	TX-4605
		±50	+50/-55	G2	
4	6'-0" x 10'-0" Glazed Iron Arch Top Double Door, Inswing/Outswing; (XX)	±70	±70	G1	TX-4606
		±50	+50/-55	G2	

Note: * - Glazing detail specified on the design drawing

General Description (Continued):

System	Description	Label Rating (psf)		Glazing Detail *	Drawing Number
		Inswing	Outswing		
5	6'-0" x 10'-0" Glazed Iron Double Door, Inswing/Outswing; (XX)	±70	±70	G1	TX-4607
		±50	+50/-55	G2	
6	6'-0" x 10'-0" Glazed Iron Double Door w/ Transom, Inswing/Outswing; (O/XX)	±70	±70	G1	TX-4607
		±50	+50/-55	G2	

Note: * - Glazing detail specified on the design drawing

Product Dimensions:

System	Overall Size	Door Panel Size	Door Panel Daylight Opening Size	Door Panel Size	Transom Daylight Opening Size
1	38" x 120"	33-3/4" x 117-3/8"	17-3/4" x 98-1/2"	N/A	N/A
2	38" x 120"	33-3/4" x 117-3/8"	17-3/4" x 99-3/4"	N/A	N/A
3	38" x 156"	33-3/4" x 117-3/8"	17-3/4" x 99-3/4"	38" x 36"	32" x 29-1/2"
4	72" x 120"	33-3/4" x 117-3/8"	17-3/4" x 97.2"	N/A	N/A
5	72" x 120"	33-3/4" x 117-3/8"	17-3/4" x 99-3/4"	N/A	N/A
6	72" x 156"	33-3/4" x 117-3/8"	17-3/4" x 99-3/4"	72" x 36"	66" x 29-3/8"

Components and Hardware:

System	Component	Quantity/System	Attachment Method
1-6	4.5" Steel Barrel Hinges	2 each	Hardware and components must be install in accordance with Florida Iron Doors drawings: TX-4604, TX-4605, TX-4606, TX-4607. Dated 3/23/2016, signed & sealed by Lyndon F. Schmidt, P.E. on 3-24-16.
	Westin Handleset (F2) or Baldwin Handleset (Estate Series)	1 each	

Product Identification (Manufacturer Label on Door):

System		
1	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Florida Iron Doors
	Product Name	3'-0" x 10'-0" Glazed Iron Single Door, Inswing/Outswing; (X)
	Drawing	TX-4604
	Test Standards	ASTM E330-02, ASTM E 1886-05/1996-09
2	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Florida Iron Doors
	Product Name	3'-0" x 10'-0" Glazed Iron Single Door, Inswing/Outswing; (X)
	Drawing	TX-4605
	Test Standards	ASTM E330-02, ASTM E 1886-05/1996-09
3	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Florida Iron Doors
	Product Name	3'-0" x 10'-0" Glazed Iron Single Door w/ Transom, Inswing/Outswing; (O/X)
	Drawing	TX-4605
	Test Standards	ASTM E330-02, ASTM E 1886-05/1996-09
4	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Florida Iron Doors
	Product Name	6'-0" x 10'-0" Glazed Iron Double Door, Inswing/Outswing; (XX)
	Drawing	TX-4606
	Test Standards	ASTM E330-02, ASTM E 1886-05/1996-09
5	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Florida Iron Doors
	Product Name	6'-0" x 10'-0" Glazed Iron Double Door, Inswing/Outswing; (XX)
	Drawing	TX-4607
	Test Standards	ASTM E330-02, ASTM E 1886-05/1996-09
6	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Florida Iron Doors
	Product Name	6'-0" x 10'-0" Glazed Iron Double Door w/ Transom, Inswing/Outswing; (O/XX)
	Drawing	TX-4607
	Test Standards	ASTM E330-02, ASTM E 1886-05/1996-09

Impact Resistance:

System	Impact Resistant	Requirement
1-6	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations specified in this report.

Installation:

System		
1-6	Type of Installation	The doors shall be installed and anchored in accordance with Florida Iron Doors drawings: TX-4604, TX-4605, TX-4606, TX-4607. Dated 3/23/2016, signed & sealed by Lyndon F. Schmidt, P.E. on 3-24-16.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	

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.