



Product Evaluation

DR763 | 0716

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-763

Effective Date: July 1, 2016

Re-evaluation Date: July 2020

Product Name: 8'0" Flush Glazed Fiberglass Therma-Tru Entry Doors, Inswing & Outswing, Single and Doubles, with and without Sidelites, Non-Impact Resistant

Manufacturer: Therma-Tru Corporation
118 Industrial Drive
Edgerton, OH 43517
(419) 298-1740

General Description:

System	Description	Label Rating	Drawing Number
1	2'-10" x 8'-0" Flush Glazed Fiberglass Single Door, Inswing/Outswing; (X)	Inswing +55/-60 PSF Outswing +35/-35 PSF	TX-4557
2	3'-0" x 8'-0" Flush Glazed Fiberglass Single Door, Inswing/Outswing; (X)	Inswing +45/-60 PSF Outswing +35/-35 PSF	TX-4557
3	3'-0" x 8'-0" Flush Glazed Fiberglass Single Door w/ Boxed Sidelite, Inswing/Outswing; (OX / XO)	Inswing +30/-40 PSF Outswing +30/-30 PSF	TX-4558
4	3'-0" x 8'-0" Flush Glazed Fiberglass Single Door w/ Boxed Sidelites, Inswing/Outswing; (OXO)	Inswing +30/-40 PSF Outswing +30/-30 PSF	TX-4558
5	3'-0" x 8'-0" Flush Glazed Fiberglass Double Door, Inswing/Outswing; (XX)	Inswing +35/-35 PSF Outswing +35/-35 PSF	TX-4559

General Description (continued):

System	Description	Label Rating	Drawing Number
6	6'-0" x 8'-0" Flush Glazed Fiberglass Double Door w/ Boxed Sidelites, Inswing/Outswing; (OXXO)	Inswing +35/-35 PSF Outswing +35/-35 PSF	TX-4559
7	2'-10" x 8'-0" Flush Glazed Fiberglass Single Door, Inswing/Outswing; (X)	Inswing +60/-65 PSF Outswing +40/-40 PSF	TX-4560
8	3'-0" x 8'-0" Flush Glazed Fiberglass Single Door, Inswing/Outswing; (X)	Inswing +55/-60 PSF Outswing +40/-40 PSF	TX-4560
9	3'-0" x 8'-0" Flush Glazed Fiberglass Single Door w/ Boxed Sidelite, Inswing/Outswing; (OX / XO)	Inswing +55/-60 PSF Outswing +40/-40 PSF	TX-4561
10	3'-0" x 8'-0" Flush Glazed Fiberglass Single Door w/ Boxed Sidelite, Inswing/Outswing; (OX / XO)	Inswing +40/-45 PSF Outswing +40/-40 PSF	TX-4561
11	3'-0" x 8'-0" Flush Glazed Fiberglass Single Door w/ Boxed Sidelites, Inswing/Outswing; (OXO)	Inswing +55/-60 PSF Outswing +40/-40 PSF	TX-4561
12	3'-0" x 8'-0" Flush Glazed Fiberglass Single Door w/ Boxed Sidelites, Inswing/Outswing; (OXO)	Inswing +40/-45 PSF Outswing +40/-40 PSF	TX-4561
13	6'-0" x 8'-0" Flush Glazed Fiberglass Double Door, Inswing/Outswing; (XX)	Inswing +35/-45 PSF Outswing +40/-40 PSF	TX-4562
14	6'-0" x 8'-0" Flush Glazed Fiberglass Double Door w/ Boxed Sidelites, Inswing/Outswing; (OXXO)	Inswing +35/-45 PSF Outswing +40/-40 PSF	TX-4562

Component Dimensions:

System	Overall Size	Door Panel Size	Max Daylight Opening Door	Sidelite Panel Size	Max Daylight Opening Sidelite
1	Inswing: 35-3/4" x 98" Outswing: 35-3/4" x 97-1/4"	34" x 95-1/4"	24.12" x 63.12"	N/A	N/A
2	Inswing: 37-3/4" x 98" Outswing: 37-3/4" x 97-1/4"	36" x 95-1/4"	24.12" x 63.12"	N/A	N/A
3	Inswing: 75-1/4" x 98" Outswing: 75-1/4" x 97-1/4"	36" x 95-1/4"	24.12" x 63.12"	36" x 95-1/4" 13.94" x 95-1/4" Full Lite BTS/Frame	24.12" x 63.12" 6.89" x 79.08" 21.13" x 79.13

Component Dimensions (continued):

System	Overall Size	Door Panel Size	Max Daylight Opening Door	Sidelite Panel Size	Max Daylight Opening Sidelite
4	Inswing: 112-3/4" x 98" Outswing: 112-3/4" x 97-1/4"	36" x 95-1/4"	24.12" x 63.12"	36" x 95-1/4" 13.94" x 95-1/4" Full Lite BTS/Frame	24.12" x 63.12" 6.89" x 79.08" 21.13" x 79.13"
5	Inswing: 74-1/2" x 98" Outswing: 74-1/2" x 97-1/4"	36" x 95-1/4"	24.12" x 63.12"	N/A	N/A
6	Inswing: 149-1/2" x 98" Outswing: 149-1/2" x 97-1/4"	36" x 95-1/4"	24.12" x 63.12"	36" x 95-1/4" Full Lite	24.12" x 63.12" 23.812" x 78.81"
7	Inswing: 35-3/4" x 98" Outswing: 35-3/4" x 97-1/4"	34" x 95-1/4"	24.12" x 63.12"	N/A	N/A
8	Inswing: 37-3/4" x 98" Outswing: 37-3/4" x 97-1/4"	36" x 95-1/4"	24.12" x 63.12"	N/A	N/A
9	Inswing: 53-1/4" x 98" Outswing: 53-1/4" x 97-1/4"	36" x 95-1/4"	24.12" x 63.12"	13.94" x 95-1/4"	6.89" x 79.08"
10	Inswing: 75-1/4" x 98" Outswing: 75-1/4" x 97-1/4"	36" x 95-1/4"	24.12" x 63.12"	36" x 95-1/4" Full Lite Full Lite BTS/Frame	24.12" x 63.12" 23.812" x 78.81" 21.13" x 79.13"
11	Inswing: 68-3/4" x 98" Outswing: 68-3/4" x 97-1/4"	36" x 95-1/4"	24.12" x 63.12"	13.94" x 95 1/4"	6.89" x 79.08"
12	Inswing: 112-3/4" x 98" Outswing: 112-3/4" x 97-1/4"	36" x 95-1/4"	24.12" x 63.12"	36" x 95-1/4" Full Lite Full Lite BTS/Frame	24.12" x 63.12" 23.812" x 78.81" 21.13" x 79.13"
13	Inswing: 74-1/2" x 98" Outswing: 74-1/2" x 97-1/4"	36" x 95-1/4"	24.12" x 63.12"	N/A	N/A
14	Inswing: 149-1/2" x 98" Outswing: 149-1/2" x 97-1/4"	36" x 95-1/4"	24.12" x 63.12"	36" x 95-1/4" Full Lite	24.12" x 63.12" 23.812" x 78.81"

Components and Hardware:

System	Component	Quantity	Attachment Method
1, 2	4" Butt Hinges	4	For proper installation of Hardware and components refer to Therma-Tru Corporation Drawing TX-4557, dated July 28, 2015, signed & sealed by Lyndon F. Schmidt, P.E. on July 29, 2015.
	Weslock 600 Series Knob & Deadbolt (671) OR Pamex Knob (FTF630) & Deadbolt (FD761)	1 each	
3, 4	4" Butt Hinges	4	For proper installation of Hardware and components refer to Therma-Tru Corporation Drawing TX-4558, dated July 28, 2015, signed & sealed by Lyndon F. Schmidt, P.E. on July 29, 2015.
	Weslock 600 Series Knob & Deadbolt (671) OR Pamex Knob (FTF630) & Deadbolt (FD761) OR Schlage Knob (F51) & Deadbolt (B60N)	1 each	
5, 6	4" Butt Hinges	4	For proper installation of Hardware and components refer to Therma-Tru Corporation Drawing TX-4559, dated July 28, 2015, signed & sealed by Lyndon F. Schmidt, P.E. on July 29, 2015.
	Kwikset Knob (400) & Deadbolt (660)	1 each	
7, 8, 9, 10, 11, 12	4" Butt Hinges	4	For proper installation of Hardware and components refer to Therma-Tru Corporation Drawings TX-4560 & TX-4561, dated July 28, 2015, signed & sealed by Lyndon F. Schmidt, P.E. on July 29, 2015.
	Therma-Tru Multi-Point Lock (MPDGART)	1 each	
13, 14	4" Butt Hinges	4	For proper installation of Hardware and components refer to Therma-Tru Corporation Drawing TX-4562, dated July 28, 2015, signed & sealed by Lyndon F. Schmidt, P.E. on July 29, 2015.
	Therma-Tru Multi-Point Lock (MPDGSB)	1 each	

Product Identification (Manufacturer Label on Door):

System		
1	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	2'-10" x 8'-0" Glazed Fiberglass Single Door, Inswing/Outswing
	Drawing	TX-4557
	Test Standards	ASTM E 330-02

Product Identification (Manufacturer Label on Door) – Continued:

System		
2	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	3'-0" x 8'-0" Glazed Fiberglass Single Door, Inswing/Outswing
	Drawing	TX-4457
	Test Standards	ASTM E 330-02
3	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	3'-0" x 8'-0" Glazed Fiberglass Single Door, w / Sidelite Inswing/Outswing
	Drawing	TX-4558
	Test Standards	ASTM E 330-02
4	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	3'-0" x 8'-0" Glazed Fiberglass Single Door, w / Sidelite Inswing/Outswing
	Drawing	TX-4458
	Test Standards	ASTM E 330-02
5	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	6'-0" x 8'-0" Glazed Fiberglass Double Door, Inswing/Outswing
	Drawing	TX-4459
	Test Standards	ASTM E 330-02
6	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	6'-0" x 8'-0" Glazed Fiberglass Double Door w/ Sidelites Inswing/Outswing
	Drawing	TX-4559
	Test Standards	ASTM E 330-02
7	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	2'-10" x 8'-0" Glazed Fiberglass Single Door, Inswing/Outswing
	Drawing	TX-4560
	Test Standards	ASTM E 330-02

Product Identification (Manufacturer Label on Door) – Continued:

System		
8	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	3'-0" x 8'-0" Glazed Fiberglass Single Door Inswing/Outswing
	Drawing	TX-4560
	Test Standards	ASTM E 330-02
9	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	3'-0" x 8'-0" Glazed Fiberglass Single Door w/ Sidelite, Inswing/Outswing
	Drawing	TX-4561
	Test Standards	ASTM E 330-02
10	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	3'-0" x 8'-0" Glazed Fiberglass Single Door w/ Sidelite, Inswing/Outswing
	Drawing	TX-4561
	Test Standards	ASTM E 330-02
11	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	3'-0" x 8'-0" Glazed Fiberglass Single Door w/ Sidelites, Inswing/Outswing
	Drawing	TX-4561
	Test Standards	ASTM E 330-02
12	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	3'-0" x 8'-0" Glazed Fiberglass Single Door w/ Sidelites, Inswing/Outswing
	Drawing	TX-4561
	Test Standards	ASTM E 330-02
13	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	6'-0" x 8'-0" Glazed Fiberglass Double Door Inswing/Outswing
	Drawing	TX-4562
	Test Standards	ASTM E 330-02
14	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	6'-0" x 8'-0" Glazed Fiberglass Double Door w/ Sidelites Inswing/Outswing
	Drawing	TX-4562
	Test Standards	ASTM E 330-02

Impact Resistance:

System	Impact Resistant	Requirement
1-14	No	Provide an impact protective system when installing the product in areas that require windborne debris.

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

Sidelites: Sidelites must only be used with doors. Sidelites must not be installed individually.

Installation:

System		
1-14	Type of Installation	For proper installation of doors and sidelites refer to Thermo-Tru Corporation drawings : TX-4557, TX-4558, TX-4559, TX-4560, TX-4561 & TX-4562, dated July 28, 2015, signed & sealed by Lyndon F. Schmidt, P.E. on July 29, 2015.
	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.