

## Product Evaluation

DR763 | 1120

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:** November 1, 2020

**Re-evaluation Date:** November 2024

**Product Name:** 8'-0" Glazed Fiberglass Side Hinged Doors, Inswing and Outswing, Singles and Doubles, with and without Sidelites, Non-Impact Resistant

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

### General Description: Latch & Deadbolt hardware

System	Description	Label Rating <sup>1</sup>	Drawing Number
1	2'-10" x 8'-0" Single Door (X)	Inswing: +55 / -60 psf Outswing: +35 / -35 psf	TX-4557
2	3'-0" x 8'-0" Single Door (X)	Inswing: +45 / -60 psf Outswing: +35 / -35 psf	TX-4557
3	3'-0" x 8'-0" Single Door w/ Boxed Sidelite (OX, XO)	Inswing: +30 / -40 psf Outswing: +30 / -30 psf	TX-4558
4	3'-0" x 8'-0" Single Door w/ Boxed Sidelites (OXO)	Inswing: +30 / -40 psf Outswing: +30 / -30 psf	TX-4558
5	6'-0" x 8'-0" Double Door (XX)	+35 / -35 psf	TX-4559

**Note:** <sup>1</sup> The design pressures for the hardware is limited for Systems 1-2. Refer to the approved drawings for the design pressure limitations.

**General Description: Latch & Deadbolt hardware**

System	Description	Label Rating <sup>1</sup>	Drawing Number
6	6'-0" x 8'-0" Double Door w/ Boxed Sidelites (OXXO)	+35 / -35 psf	TX-4559

**Note:** <sup>1</sup> The design pressures for the hardware is limited for Systems 1-2. Refer to the approved drawings for the design pressure limitations.

**General Description: Multipoint Lock hardware**

System	Description	Label Rating	Drawing Number
7	2'-10" x 8'-0" Single Door (X)	Inswing: +60 / -65 psf Outswing: +40 / -40 psf	TX-4560
8	3'-0" x 8'-0" Single Door (X)	Inswing: +55 / -60 psf Outswing: +40 / -40 psf	TX-4560
9	3'-0" x 8'-0" Single Door w/ 14" Boxed Sidelites (OX, XO, OXO);	Inswing: +55 / -60 psf Outswing: +40 / -40 psf	TX-4561
10	3'-0" x 8'-0" Single Door w/ 36" Boxed Sidelites (OX, XO, OXO)	Inswing: +40 / -45 psf Outswing: +40 / -40 psf	TX-4561
11	6'-0" x 8'-0" Double Door (XX)	Inswing: +35 / -45 psf Outswing: +40 / -40 psf	TX-4562
12	6'-0" x 8'-0" Double Door w/ Boxed Sidelites (OXXO)	Inswing: +35 / -45 psf Outswing: +40 / -40 psf	TX-4562

**Product Dimensions:**

System	Max. Overall Size	Operable Panel Size	Max. Panel Daylight Opening Size
1, 7	35-3/4" x 98"	34" x 95-1/4"	24-1/8" x 63-1/8"
2, 8	37-3/4" x 98"	36" x 95-1/4"	24-1/8" x 63-1/8"
3	75-1/4" x 98"	36" x 95-1/4"	Door: 24-1/8" x 63-1/8" Sidelite: 23-13/16" x 78-13/16"
4, 10	112-3/4" x 98"	36" x 95-1/4"	Door: 24-1/8" x 63-1/8" Sidelite: 23-13/16" x 78-13/16"
5, 11	74-1/2" x 98"	36" x 95-1/4"	Door: 24-1/8" x 63-1/8" Sidelite: 23-13/16" x 78-13/16"
6, 12	149-1/2" x 98"	36" x 95-1/4"	Door: 24-1/8" x 63-1/8" Sidelite: 23-13/16" x 78-13/16"
9	75-1/4" x 98"	36" x 95-1/4"	Door: 24-1/8" x 63-1/8" Sidelite: 6-7/8" x 79"

**Components and Hardware:**

System	Component	Quantity	Attachment Method
1-4	Hinges	4	Install hardware in accordance with Therma-Tru drawings No. TX-4557 and TX-4558, dated July 28, 2015. Revision 1 dated April 28, 2020. Signed and sealed by Lyndon f. Schmidt, P.E. on April 28, 2020.
	Knob: Weslock 600 Series Deadbolt: Weslock 671 OR Knob: Pamex FTF630 Deadbolt: Pamex FD761	1 each	
	Latch and Deadbolt strike plate	1 each	
	Knob: Schlage F51 Deadbolt: Schlage B60N (Option #3 for Systems 3-4)	1 each	
5-6	Hinges	4	Install hardware in accordance with Therma-Tru drawing No. TX-4559, dated July 28, 2015. Revision 1 dated April 28, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on April 28, 2020.
	Latch and Deadbolt strike plate	1 each	
	Knob: Kwikset 400 Series Deadbolt: Kwikset 660 Series	1 each	
7-12	Hinges	4	Install hardware in accordance with Therma-Tru drawings No. TX-4560, TX-4561, and TX-4562 dated July 28, 2015. Revision 1 dated April 28, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on April 28, 2020.
	Multipoint strike plate	1 each	
	Multipoint Lock: Therma-Tru MPDGART	1 each	

**Product Identification (Manufacturer Label on Door):**

System		
1-4, 7-12	Certification agency	Self-labeled
	Manufacturer's name	Therma-Tru Doors
	Product name	Glazed Fiberglass Side Hinged Doors, Inswing/Outswing, Non-Impact Resistant Door Panels, Singles w/ or w/out Sidelites
	Test standards	ASTM E330-14
5-6,	Certification agency	Self-labeled
	Manufacturer's name	Therma-Tru Doors
	Product name	Glazed Fiberglass Side Hinged Doors, Inswing/Outswing, Non-Impact Resistant Door Panels, Doubles w/ or w/out Sidelites
	Test standards	ASTM E330-14

**Impact Resistance:**

System	Impact Resistant	Requirement
1-12	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 within the limitations of this report.

**Installation:**

System		
1-12	Type of installation	Install in accordance with Therma-Tru drawing No. TX-4557 through TX-4562, dated July 28, 2015. Revision 1 dated April 28, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on April 28, 2020.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	

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