

## Product Evaluation

DR600 | 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-600

**Effective Date:** November 1, 2020

**Re-evaluation Date:** November 2024

**Product Name:** 6'-8" and 8'-0" Opaque Fiberglass Side Hinged Doors, Inswing and Outswing, Singles and Doubles, with or without Sidelites, Non-Impact Resistant

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

### General Description: 6'-8" Doors

System	Description	Label Rating	Drawing Number
1	3'-0" x 6'-8" Single Door (X)	Inswing: +65 / -70 psf Outswing: +65 / -65 psf	TX-4258
2	3'-0" x 6'-8" Single Door w/ Boxed Sidelite & Combination Reinforced Mullion (OX, XO)	Inswing: +65 / -70 psf Outswing: +65 / -65 psf	TX-4258
3	3'-0" x 6'-8" Single Door w/ Boxed Sidelites & Combination Reinforced Mullions (OXO)	Inswing: +65 / -70 psf Outswing: +65 / -65 psf	TX-4258
4	6'-0" x 6'-8" Double Door (XX)	Inswing: +50 / -60 psf Outswing: +50 / -50 psf	TX-4259
5	6'-0" x 6'-8" Double Door w/ Boxed Sidelites (OXXO)	Inswing: +50 / -60 psf Outswing: +50 / -50 psf	TX-4259

**General Description: 8'-0" Doors**

System	Description	Label Rating <sup>1</sup>	Drawing Number
6	3'-0" x 8'-0" Single Door (X)	Inswing: +80 / -85 psf Outswing: +80 / -80 psf	TX-4260
7	3'-0" x 8'-0" Single Door w/ Boxed Sidelite & Combination Reinforced Mullion (OX, XO)	Inswing: +55 / -65 psf Outswing: +55 / -55 psf	TX-4260
8	3'-0" x 8'-0" Single Door w/ Boxed Sidelites & Combination Reinforced Mullions (OXO)	Inswing: +55 / -65 psf Outswing: +55 / -55 psf	TX-4260
9	6'-0" x 8'-0" Double Door (XX)	+50 / -55 psf	TX-4261
10	6'-0" x 8'-0" Double Door w/ Boxed Sidelites (OXXO)	+50 / -55 psf	TX-4261

**Note:** <sup>1</sup> Design pressure for hardware is limited for Systems 6-8. Refer to the approved drawings for design pressure limitations.

**Product Dimensions:**

System	Overall Size	Operable Panel Size	Sidelite Panel Daylight Opening Size
1	37-3/4" x 82-1/8"	36" x 79-1/4"	N/A
2	54-3/4" x 82-1/8"	36" x 79-1/4"	6" x 63"
3	71-3/4" x 82-1/8"	36" x 79-1/4"	6" x 63"
4	74-5/8" x 82-1/8"	36" x 79-1/4"	N/A
5	105-5/8" x 82-1/8"	36" x 79-1/4"	6" x 63"
6	37-3/4" x 98-1/8"	36" x 95-1/4"	N/A
7	54-3/4" x 98-1/8"	36" x 95-1/4"	7" x 79-1/8"
8	71-3/4" x 98-1/8"	36" x 95-1/4"	7" x 79-1/8"
9	74-5/8" x 98-1/8"	36" x 95-1/4"	N/A
10	105-5/8" x 98-1/8"	36" x 95-1/4"	7" x 79-1/8"

**Components and Hardware:**

System	Component	Quantity	Attachment Method
1-10	Hinges	3 (6'8" doors) 4 (8'0" doors)	Install hardware in accordance with Therma-Tru drawings No. TX-4258 through TX-4261, dated October 8, 2012. Revision 2 dated May 14, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on May 14, 2020.
	Knob: Kwikset Signature Series Deadbolt: Kwikset Signature Series (980) <b>OR</b> Knob: Schlage F Series Deadbolt: Schlage B Series	1 each	
	Latch & Deadbolt strike plate	1 each	
	Astragal strike plate (Systems 4-5, 9-10)	1	

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

System		
1-10	Certification agency	Self-labeled
	Manufacturer's name	Therma-Tru Doors
	Product name	Opaque Fiberglass Side Hinged Doors, Inswing/Outswing, Singles & Doubles w/ or w/out Sidelites, Non-Impact Resistant
	Test standards	ASTM E330-14

**Impact Resistance:**

System	Impact Resistant	Requirement
1-10	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		
1-10	Type of installation	Install in accordance with Therma-Tru drawings No. TX-4258 through TX-4261, dated October 8, 2012. Revision 2 dated May 14, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on May 14, 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.