

## Product Evaluation

DR642 | 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-642

**Effective Date:** November 1, 2020

**Re-evaluation Date:** November 2024

**Product Name:** 6'-8" and 8'-0" Opaque Fiberglass Side Hinged Doors, Inswing, Singles and Doubles, with "Vented" Sidelites, Non-Impact Resistant

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

### General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 6'-8" Single Door w/ Sidelite & Integral Mullion (XX)	<b>Multipoint Lock</b> +80 / -80 psf <b>Latch &amp; Deadbolt</b> +65 / -75 psf	TX-4291
2	3'-0" x 6'-8" Single Door w/ Sidelites & Integral Mullions (XXX)	<b>Multipoint Lock</b> +80 / -80 psf <b>Latch &amp; Deadbolt</b> +65 / -75 psf	TX-4291
3	6'-0" x 6'-8" Double Door w/ Sidelites & Integral Mullions (XXXX); <b>Multipoint Lock ONLY</b>	<b>Multipoint Lock</b> +35 / -40 psf <b>Latch &amp; Deadbolt</b> N/A	TX-4291

**General Description:**

System	Description	Label Rating	Drawing Number
4	3'-0" x 8'-0" Single Door w/ Sidelite & Integral Mullion (XX)	<b>Multipoint Lock</b> +65 / -70 psf <b>Latch &amp; Deadbolt</b> +50 / -50 psf	TX-4292
5	3'-0" x 8'-0" Single Door w/ Sidelites & Integral Mullions (XXX)	<b>Multipoint Lock</b> +65 / -70 psf <b>Latch &amp; Deadbolt</b> +50 / -50 psf	TX-4292
6	6'-0" x 8'-0" Double Door w/ Sidelites & Integral Mullions (XXXX); <b>Multipoint Lock ONLY</b>	<b>Multipoint Lock</b> +35 / -35 psf <b>Latch &amp; Deadbolt</b> N/A	TX-4292

**Product Dimensions:**

System	Overall Size	Operable Panel Size	Max. Sidelite Panel Daylight Opening Size
1	53-3/8" x 82"	36" x 79-1/4"	6" x 63"
2	69" x 82"	36" x 79-1/4"	6" x 63"
3	106" x 82"	36" x 79-1/4"	6" x 63"
4	53-3/8" x 98"	36" x 95-1/4"	7" x 79-1/4"
5	69" x 98"	36" x 95-1/4"	7" x 79-1/4"
6	106" x 98"	36" x 95-1/4"	7" x 79-1/4"

**Components and Hardware:**

System	Component	Quantity	Attachment Method
1-6	Hinges	3 (Sys. 1-3) 4 (Sys. 4-6)	Install hardware in accordance with Therma-Tru drawings No. TX-4291 and TX-4292, dated January 2, 2013. Revision 2 dated May 13, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on May 13, 2020.
	Knob: Kwikset Signature Series Deadbolt: Kwikset Signature Series (780) <b>OR</b> Multipoint Lock: Hoppe HLS 9000 Series	1 each	
	Multipoint Lock: Hoppe OSL Series (Sidelites)	1	
	Latch and Deadbolt strike plates <b>OR</b> Multipoint strike plate	1 each	

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

System		
1-6	Certification agency	Self-labeled
	Manufacturer's name	Therma-Tru Doors
	Product name	Opaque Fiberglass Side Hinged Doors, Inswing, Singles & Doubles w/ Vented Sidelites, Non-Impact Resistant
	Test standards	ASTM E330-14

**Impact Resistance:**

System	Impact Resistant	Requirement
1-6	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 specified in this report.

**Installation:**

System		
1-6	Type of installation	Install hardware in accordance with Therma-Tru drawings No. TX-4291 and TX-4292, dated January 2, 2013. Revision 2 dated May 13, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on May 13, 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.