

Product Evaluation

DR784 | 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-784

Effective Date: November 1, 2020

Re-evaluation Date: November 2024

Product Name: 8'-0" Opaque Fiberglass Side Hinged Doors, Inswing and Outswing, Singles with or without 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'-6" x 8'-0" Single Door (X)	<p>Multipoint Lock: Inswing: +65 / -75 psf Outswing: +65 / -65 psf</p> <p>Latch & Deadbolt: Inswing: +60 / -70 psf Outswing: +60 / -60 psf</p>	TX-4600

General Description (continued):

System	Description	Label Rating	Drawing Number
2	3'-6" x 8'-0" Single Door w/ Boxed Sidelites (OX, XO, OXO)	<p>Multipoint Lock: Inswing: +55 / -60 psf Outswing: +55 / -55 psf</p> <p>Kwikset Latch & Deadbolt: +35 / -35 psf</p> <p>Schlage Latch & Deadbolt: Inswing: +30 / -45 psf Outswing: +30 / -30 psf</p>	TX-4601

Product Dimensions:

System	Max. Overall Size	Max. Operable Panel Size	Fixed Panel Daylight Opening Size
1	43-3/4" x 98-1/8"	41-15/16" x 95-1/4"	N/A
2	74-3/4" x 98-1/8"	41-15/16" x 95-1/4"	Sidelite: 7" x 79-1/8"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-2	Hinges	4	Install hardware in accordance with Therma-Tru drawings No. TX-4600 and TX-4601, dated February 10, 2016. Revision a dated May 12, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on May 13, 2020.
	Knob: Kwikset Signature Series Deadbolt: Kwikset Signature Series (980) OR Knob: Schlage F51 Deadbolt: Schlage B60N OR Multipoint Lock: Hoppe MPDGART	1 each	
	Latch and Deadbolt strike plate OR Multipoint Lock strike plate	1 each	

Product Identification (Manufacturer Label on Door):

System		
1-2	Certification agency	Self-labeled
	Manufacturer's name	Therma-Tru Doors
	Product name	Opaque Fiberglass Side Hinged Doors, Inswing/Outswing, Singles w/ or w/out Sidelites, Non-Impact Resistant
	Test standards	ASTM E330-14

Impact Resistance:

System	Impact Resistant	Requirement
1-2	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		
1-2	Type of installation	Install in accordance with Therma-Tru drawings No. TX-4600 and TX-4601, dated February 10, 2016. Revision a dated May 12, 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.