

Product Evaluation

DR944 | 1121

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-944

Effective Date: November 1, 2021

Re-evaluation Date: November 2025

Product Name: 6'-8" and 8'-0" Fiber-Classic® & Smooth-Star® Composite Edge Opaque Fiberglass Side Hinged Doors, Inswing, Singles & Doubles, with Vented Sidelites, Non-Impact Resistant

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

General Description:

System	Description	Label Rating Multipoint Lock	Label Rating Latch & Deadbolt	Drawing Number
1	3'-0" x 6'-8" Opaque Fiberglass Single Door w/ "Vented" Sidelite & Integral Mullion, Inswing; (XX); CHS	+80/-80 psf	+65/-75 psf	TX-4751
2	3'-0" x 6'-8" Opaque Fiberglass Single Door w/ "Vented" Sidelites & Integral Mullion, Inswing; (XXX); CHS	+80/-80 psf	+65/-75 psf	TX-4751

General Description (continued):

System	Description	Label Rating Multipoint Lock	Label Rating Latch & Deadbolt	Drawing Number
3	6'-0" x 6'-8" Opaque Fiberglass Double Door w/ "Vented" Sidelites & Integral Mullions, Inswing; (XXXX); CHS	+35/-40 psf	N/A	TX-4751
4	3'-0" x 8'-0" Opaque Fiberglass Single Door w/ "Vented" Sidelite & Integral Mullions, Inswing; (XX); CHS	+65/-70 psf	+50/-50 psf	TX-4752
5	3'-0" x 8'-0" Opaque Fiberglass Single Door w/ "Vented" Sidelites & Integral Mullion, Inswing; (XXX); CHS	+65/-70 psf	+50/-50 psf	TX-4752
6	6'-0" x 8'-0" Opaque Fiberglass Double Door w/ "Vented" Sidelites & Integral Mullions, Inswing; (XXXX); CHS	+35/-35 psf	N/A	TX-4752

Component Dimensions:

System	Overall Size Inswing	Door Panel Size		
		Book Door	Hybrid Door	U1 Door
1	53-3/8" x 82"	36" x 79-1/4"	35.81" x 79-1/4"	35.81" x 79.06"
2	69" x 82"	36" x 79-1/4"	35.81" x 79-1/4"	35.81" x 79.06"
3	106" x 82"	36" x 79-1/4"	35.81" x 79-1/4"	35.81" x 79.06"
4	53-3/8" x 98"	36" x 95-1/4"	35.81" x 95-1/4"	35.81" x 95.06"
5	69" x 98"	36" x 95-1/4"	35.81" x 95-1/4"	35.81" x 95.06"
6	106" x 98"	36" x 95-1/4"	35.81" x 95-1/4"	35.81" x 95.06"

Hardware:

System	Component	Quantity	Attachment Method
1-3	4" Butt Hinges	3	Hardware must be installed in accordance w/ Therma-Tru Corporation drawing TX-4751, dated November 29, 2017, Rev 1 dated September 21, 2021, signed & sealed by Lyndon F. Schmidt, P.E. on September 23, 2021.
	Kwikset Signature Series Knob & Deadbolt (980) or Hoppe Multipoint Lock HLS 9000 (Door) OSL Series (Sidelite)	1 each	

Hardware (continued):

System	Component	Quantity	Attachment Method
4-6	4" Butt Hinges	4	Hardware must be installed in accordance w/ Therma-Tru Corporation drawing TX-4752, dated November 29, 2017, Rev 1 dated September 21, 2021, signed & sealed by Lyndon F. Schmidt, P.E. on September 23, 2021.
	Kwikset Signature Series Knob & Deadbolt (980) or Hoppe Multipoint Lock HLS 9000 (Door) OSL Series (Sidelite)	1 each	

Product Identification (Manufacturer Label on Door):

System		
1, 2, 3	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	Opaque Fiberglass Side Hinged Doors, Inswing, Singles & Doubles w/ "Vented" Sidelites, Non-Impact Resistant
	Drawing	TX-4751
	Test Standards	ASTM E330-14
4, 5, 6	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	Opaque Fiberglass Side Hinged Doors, Inswing, Singles & Doubles w/ "Vented" Sidelites, Non-Impact Resistant
	Drawing	TX-4752
	Test Standards	ASTM E330-14

Impact Resistance:

System	Impact Resistant	Requirement
1-6	No	Impact protective system required when product is installed in areas where windborne debris protection is required

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		
1-3	Type of Installation	Door and anchors must be installed in accordance w/ Therma-Tru Corporation drawing TX-4751 dated November 29, 2017, Rev 1 dated September 21, 2021, signed & sealed by Lyndon F. Schmidt, P.E. on September 23, 2021
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	
4-6	Type of Installation	Door and anchors must be installed in accordance w/ Therma-Tru Corporation drawing TX-4752 dated November 29, 2017, Rev 1 dated September 21, 2021, signed & sealed by Lyndon F. Schmidt, P.E. on September 23, 2021
	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 and the IBC.