

Product Evaluation

DR781 | 0321

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-781

Effective Date: March 1, 2021

Re-evaluation Date: March 2024

Product Name: 8'-0" Glazed and Opaque Wood Side Hinged Doors, Inswing and Outswing, Singles and Doubles, with or with Sidelites and Transoms, Non-Impact Resistant

Manufacturer: Steves & Sons
203 Humble Avenue
San Antonio, TX 78225
(210) 924-5111

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 8'-0" Arch Top Single Door; X	Inswing: +50 / -50 psf Outswing: N/A	TX-4565
2	6'-0" x 8'-0" Arch Top Double Door; XX	Inswing: +50 / -50 psf Outswing: N/A	TX-4565
3	3'-0" x 8'-0" Single Door; X	Inswing: +55 / -55 psf Outswing: +35 / -35 psf	TX-4566
4	3'-0" x 8'-0" Single Door w/ Boxed Sidelite & Integral Mullion; OX, XO	Inswing: +55 / -55 psf Outswing: +35 / -35 psf	TX-4566
5	6'-0" x 8'-0" Double Door; XX	Inswing: +55 / -55 psf Outswing: +35 / -35 psf	TX-4566

General Description:

System	Description	Label Rating	Drawing Number
6	6'-0" x 8'-0" Double Door w/ Boxed Sidelites & Integral Mullions; OXXO	Inswing: +55 / -55 psf Outswing: +35 / -35 psf	TX-4566
7	3'-0" x 8'-0" Single Door w/ Transom; O/X	Inswing/Outswing: +55 / -55 psf	TX-4567
8	6'-0" x 8'-0" Double Door w/ Transom; O/XX	Inswing/Outswing: +55 / -55 psf	TX-4567
9	3'-0" x 8'-0" Opaque Round Top Single Door; X	Inswing/Outswing: +55 / -55 psf	TX-4568
10	6'-0" x 8'-0" Opaque Round Top Double Door; XX	Inswing/Outswing: +55 / -55 psf	TX-4568

Product Dimensions:

System	Max. Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	37-3/4" x 98-1/2"	36" x 96"	21-1/4" x 66-3/8"
2	74-1/2" x 98-1/2"	36" x 96"	21-1/4" x 66-3/8"
3	37-1/2" x 98-1/2"	36" x 96"	21-1/4" x 67"
4	56-3/4" x 98-1/2"	36" x 96"	Door: 21-1/4" x 67" Sidelite: 6" x 80-1/2"
5	74" x 98-1/2"	36" x 96"	21-1/4" x 67"
6	112-1/2" x 98-1/2"	36" x 96"	Door: 21-1/4" x 67" Sidelite: 6" x 80-1/2"
7	37-1/2" x 120"	36" x 96"	Door: 21-1/4" x 67" Transom: 72-1/2" x 33-1/4"
8	74" x 135"	36" x 96"	Door: 21-1/4" x 67" Transom: 72-1/2" x 33-1/4"
9	37-5/8" x 98-1/2"	36" x 96"	N/A
10	74-1/2" x 98-1/2"	36" x 96"	N/A

Components and Hardware:

System	Component	Quantity	Attachment Method
1-10	Hinges	4	Install hardware in accordance with Steves and Sons drawings No. TX-4565 through TX-4568, dated September 29, 2015. Revision 1 dated November 19, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on November 19, 2020.
	Knob & Deadbolt: Dexter J Series	1 each	
	Latch & Deadbolt strike plates	1 each	
	W & F Multi-point lock (3-pt.) (Systems 3-6)	1	

Product Identification (Manufacturer Label on Door):

System		
1-6	Manufacturer's name	Steves and Sons
	Product name	Glazed Wood Side Hinged Doors, Inswing/Outswing, Singles & Doubles w/ & w/out Sidelites, Non-Impact Resistant
	Test standards	ASTM E330-14
7-8	Manufacturer's name	Steves and Sons
	Product name	Glazed Wood Side Hinged Doors, Inswing/Outswing, Singles & Doubles w/ Transom, Non-Impact Resistant
	Test standards	ASTM E330-14
9-10	Manufacturer's name	Steves and Sons
	Product name	Opaque Wood Side Hinged Doors, Inswing/Outswing, Singles & Doubles, 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.

Installation:

System		
1-2	Type of installation	Install in accordance with Steves and Sons drawing No. TX-4565, dated September 29, 2015. Revision 1 dated November 19, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on November 19, 2020.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	
3-6	Type of installation	Install in accordance with Steves and Sons drawing No. TX-4566, dated September 29, 2015. Revision 1 dated November 19, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on November 19, 2020.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	
7-8	Type of installation	Install in accordance with Steves and Sons drawing No. TX-4567, dated September 29, 2015. Revision 1 dated November 19, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on November 19, 2020.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	

Installation:

System	
9-10	Type of installation
	Wall framing
	Fasteners
	Fastener location/spacing
	Fastener penetration
Install in accordance with Steves and Sons drawing No. TX-4568, dated September 29, 2015. Revision 1 dated November 19, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on November 19, 2020.	

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.