

Product Evaluation

DR1059 | 1221

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-1059

Effective Date: December 1, 2021

Re-evaluation Date: December 2025

Product Name: Opaque and Glazed Steel Side Hinged Doors, Inswing, Singles and Doubles, with or without Sidelites, Non-Impact Resistant

Manufacturer: Doorscapes, Inc.
8850 N. Sam Houston Pky W.
Houston, TX 77064
(281) 741-5443

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 6'-8" Opaque Single Door; X	+50 / -55 psf	TX-4930
2	3'-0" x 6'-8" Opaque Single Door w/ Sidelites, CHS; OX/XO	1.625" Integral Mullion +30 / -40 psf 2.5" Integral Mullion +30 / -40 psf	TX-4930
3	3'-0" x 6'-8" Opaque Single Door w/ Sidelites, CHS; OXO	1.625" Integral Mullion +30 / -40 psf 2.5" Integral Mullion +30 / -40 psf	TX-4930

General Description:

System	Description	Label Rating	Drawing Number
4	6'-0" x 6'-8" Opaque Double Door; XX	+50 / -55 psf	TX-4931
5	6'-0" x 6'-8" Opaque Double Door w/ Sidelites; OXXO	+30 / -40 psf	TX-4931
6	3'-0" x 6'-8" Glazed Single Door; X	+30 / -40 psf	TX-4932
7	3'-0" x 6'-8" Glazed Single Door w/ Sidelites, CHS; OX/XO	<u>1.625" Integral Mullion</u> +30 / -40 psf <u>2.5" Integral Mullion</u> +30 / -40 psf	TX-4932
8	3'-0" x 6'-8" Glazed Single Door w/ Sidelites, CHS; OXO	<u>+1.625" Integral Mullion</u> +30 / -40 psf <u>2.5" Integral Mullion</u> +30 / -40 psf	TX-4932
9	6'-0" x 6'-8" Glazed Double Door; XX	+30 / -40 psf	TX-4933
10	6'-0" x 6'-8" Glazed Double Door w/ Sidelites; OXXO	+30 / -40 psf	TX-4933

Product Dimensions:

System	Overall Size	Operable Panel Size	Panel Daylight Opening Size
1	37-1/2" x 81-1/2"	35-3/4" x 79"	N/A
2	53" x 81-1/2"	35-3/4" x 79"	Door: N/A Sidelite: 6" x 62-7/8"
3	68-1/2" x 81-1/2"	35-3/4" x 79"	Door: N/A Sidelite: 6" x 62-7/8"
4	74" x 81-1/2"	35-3/4" x 79"	N/A
5	147" x 81-1/2"	35-3/4" x 79"	Door: N/A Sidelite: 21-1/8" x 63-1/8"
6	37-1/2" x 81-1/2"	35-3/4" x 79"	Door: 21-1/8" x 63-1/8" Sidelite: N/A
7	53" x 81-1/2"	35-3/4" x 79"	Door: 21-1/8" x 63-1/8" Sidelite: 6" x 62-7/8"
8	68-1/2" x 81-1/2"	35-3/4" x 79"	Door: 21-1/8" x 63-1/8" Sidelite: 6" x 62-7/8"
9	74" x 81-1/2"	35-3/4" x 79"	Door: 21-1/8" x 63-1/8" Sidelite: N/A
10	147" x 81-1/2"	35-3/4" x 79"	Door & Sidelite: 21-1/8" x 63-1/8"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-10	Hinges	3	Install hardware in accordance with drawing No. TX-4930 through TX-4933, dated May 6, 2019. Revision 1 dated October 28, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on October 28, 2021.
	Knob: Yale YE Series (10) Deadbolt: Yale YE Series (82E)	1 each	
	Latch and Deadbolt strike plate	1 each	
	Astragal strike plate (Systems 4-5, 9-10 ONLY)	1	

Product Identification (Manufacturer Label on Door):

System		
1-3	Manufacturer's name	Doorscapes, Inc.
	Product name	Opaque Doorscapes Steel Side Hinged Doors, Inswing, Non-Imp Resistant Door Panels, Single and Single w/ Sidelites
	Test standards	ASTM E330-14
4-5	Manufacturer's name	Doorscapes, Inc.
	Product name	Opaque Doorscapes Steel Side Hinged Doors, Inswing, Non-Imp Resistant Door Panels, Double and Double w/ Sidelites
	Test standards	ASTM E330-14
6-8	Manufacturer's name	Doorscapes, Inc.
	Product name	Glazed Doorscapes Steel Side Hinged Doors, Inswing, Non-Imp Resistant Door Panels, Single and Single w/ Sidelites
	Test standards	ASTM E330-14
9-10	Manufacturer's name	Doorscapes, Inc.
	Product name	Glazed Doorscapes Steel Side Hinged Doors, Inswing, Non-Imp Resistant Door Panels, Double and Double w/ Sidelites
	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		
1-10	Type of installation	Install in accordance with drawing No. TX-4930 through TX-4933, dated May 6, 2019. Revision 1 dated October 28, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on October 28, 2021.
	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.