

Product Evaluation

DR1262 | 0923

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-1262

Effective Date: September 1, 2023

Re-evaluation Date: September 2027

Product Name: Series Chromium 4 Lite Iron Side Hinged Double Door, Inswing, Non-Impact Resistant

Manufacturer: San Marcos Group, LLC.
219 W Nakoma
San Antonio, Texas 78216
(210) 651-3201

General Description:

System	Description	Design Pressure Rating
1	Series Chromium 4 Lite Iron Side-Hinged Inswing Double Door	+65 psf / -65 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Panel Daylight Opening Size
1	72" x 96"	(2) 34-1/4" x 92-1/4"	(3) 29-1/4" x 20-1/4" (1) 26-1/4" x 20-1/4"

Components and Hardware:

- **Deadbolt:** One (1) required; located on active door stile; installed per manufactures installation instructions.
- **Deadbolt Strike Plate:** One (1) required; located on inactive door stile; installed per manufactures installation instructions.
- **Heavy Duty Roller Catch:** One (1) required; located on active door stile; installed per manufactures installation instructions.
- **Heavy Duty Roller Catch Strike Plate:** One (1) required; located on inactive door stile; installed per manufactures installation instructions.
- **Manual Flush Bolt:** Two (2) required; located at the top and bottom of the inactive door stile; 1/2" diameter steel bolt with minimum 5/8" engagement into the head frame and threshold; installed per manufactures installation instructions.
- **Barrel Ball Bearing Hinges:** Six (6) required; 1" x 4" welded to the door frame and panel.
- **Handle:** Type #12, Two (2) located on the active and inactive stiles.
- **Glass:** 1-1/4" thick insulated: 1/4" thick annealed glass pane, 3/4" air gap, 1/4" thick annealed glass pane with 0.090 PVB interlayer. Dow Corning Silicone glazing around exterior side of panes.
- **Weather Stripping:** Q-Lon QDST 675

Product Identification (Certification Label on Door):

System		
1	Certification agency	Manufacturer-Produced Label
	Manufacturer's name or code name	San Marcos Group, LLC.
	Product name	Series Chromium 4 Lite Iron Side Hinged Double Door. Inswing, Non-Impact Resistant
	Test standards	ASTM E330-14

Impact Resistance:

System	Impact Resistant	Requirement
1	No	Provide an impact protective system when installing the product in areas that require windborne debris.

Installation:

System		
1	Type of installation	Frame Installation
	Wall framing	Southern Yellow Pine Dimension Lumber
	Fasteners	3/8" x 3-1/2" hex head lag bolts
	Fastener location/spacing	Fasteners installed through the steel jambs into framing, (3) per side jamb: 8-1/2" and 48" up from bottom of frame, 6-1/2" down from top of frame, (6) total fasteners
	Fastener penetration	Minimum of 3" into wall framing

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.