

Product Evaluation

DR835 | 1220

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-835

Effective Date: December 1, 2020

Re-evaluation Date: December 2024

Product Name: 6'-8" Opaque Fiberglass Side Hinged Doors, Inswing and Outswing, Singles and Doubles, with or without Sidelites, Non-Impact Resistant

Manufacturer: HM Sure Rock
15759 Tapia St.
Irwindale, CA 91706
(626) 214-0833

General Description:

System	Description	Label Rating ¹	Drawing Number
1	3'-0" x 6'-8" Single Door; X	+90 / -90 psf	TX-4818
2	3'-0" x 6'-8" Single Door w/ Boxed Sidelite & Combination Reinforced (2X) Mullion; OX, XO	Inswing: +45 / -55 psf Outswing: +45 / -45 psf	TX-4819
3	3'-0" x 6'-8" Single Door w/ Boxed Sidelites & Combination Reinforced (2X) Mullions; OXO	Inswing: +45 / -55 psf Outswing: +45 / -45 psf	TX-4819
4	6'-0" x 6'-8" Double Door; XX	+60 / -60 psf	TX-4820

Note: ¹ Maximum design pressure for the hardware is limited. Refer to the approved drawings for the design pressure limitations.

General Description (Continued):

System	Description	Label Rating ¹	Drawing Number
5	6'-0" x 6'-8" Double Door w/ Boxed Sidelites & Combination Mullions; OXXO	Unreinforced Mullion: +40 / -40 psf Reinforced (1X) Mullion: +55 / -55 psf Reinforced (2X) Mullion: +60 / -60 psf	TX-4820

Note: ¹ Maximum design pressure for the hardware is limited. Refer to the approved drawings for the design pressure limitations.

Product Dimensions:

System	Maximum Overall Size	Operable Panel Size	Sidelite Panel Daylight Opening Size
1	37-3/4" x 81-3/4"	35-3/4" x 79"	N/A
2	52-1/2" x 81-3/4"	35-3/4" x 79"	5-7/8" x 62-7/8"
3	67-1/2" x 81-3/4"	35-3/4" x 79"	5-7/8" x 62-7/8"
4	74" x 81-3/4"	35-3/4" x 79"	N/A
5	104" x 81-3/4"	35-3/4" x 79"	5-7/8" x 62-7/8"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-5	Hinges	3	Install hardware in accordance with HM Sure Rock drawings No. TX-4818 through TX-4820, dated January 9, 2017. Revision 1 dated July 9, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on July 9, 2020.
	Knob: Kwikset Signature Series Deadbolt: Kwikset Signature Series (980) OR Knob: Schlage F Series (F51) Deadbolt: Schlage B Series (B60N)	1 each	
	Latch and Deadbolt strike plates	1 each	
	Astragal strike plates (Systems 4-5 ONLY)	1 at the head 1 at the sill	

Product Identification (Manufacturer Label on Door):

System		
1-5	Manufacturer's name or code name	HM Sure Rock
	Product name	Opaque Fiberglass Side Hinged Doors, Inswing/Outswing, Singles & Doubles w/ or w/out Sidelites, Non-Impact Resistant
	Test standards	ASTM E330-14

Impact Resistance:

System	Impact Resistant	Requirement
1-5	No	Provide an impact protective system when installing the product in areas that require windborne debris.

Installation:

System		
1-5	Type of installation	Install in accordance with HM Sure Rock drawings No. TX-4818 through TX-4820, dated January 9, 2017. Revision 1 dated July 9, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on July 9, 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.