



Product Evaluation

DR835 | 0217

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: February 1, 2017

Re-evaluation Date: January 2021

Product Name: 6'-8" Sure Rock Opaque Fiberglass Entry Doors, Inswing/Outswing Side Hinged Doors, Singles & Doubles w/ & w/out Sidelites, Non-Impact Resistant

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

General Description:

System	Description	Max. Design Pressure Rating PSF	Drawing No.
1	3'-0" x 6'-8" Opaque Fiberglass Single Door, Inswing/Outswing (X)	Inswing +90/-90 Outswing +90/-90	TX-4818
2	3'-0" x 6'-8" Opaque Fiberglass Single Door w/ Boxed Sidelite & Combination Reinforced (2X) Mullion, Inswing/Outswing (XO / OX)	Inswing +45/-55 Outswing +45/-45	TX-4819
3	3'-0" x 6'-8" Opaque Fiberglass Single Door w/ Boxed Sidelites & Combination Reinforced (2X) Mullions, Inswing/Outswing (OXO)	Inswing +45/-55 Outswing +45/-45	TX-4819
4	6'-0" x 6'-8" Opaque Fiberglass Double Door Inswing/Outswing (XX)	Inswing +60/-60 Outswing +60/-60	TX-4820
5	6'-0" x 6'-8" Opaque Fiberglass Double Door w/ Boxed Sidelites & Combination Mullion, Inswing/Outswing (OXXO)	Inswing +40/-40 Outswing +40/-40	TX-4820

General Description (continued):

System	Description	Max. Design Pressure Rating PSF	Drawing Number
6	6'-0" x 6'-8" Opaque Fiberglass Double Door w/ Boxed Sidelites & Combination Reinforced (1X) Mullion, Inswing/Outswing (OXXO)	Inswing +55/-55 Outswing +55/-55	TX-4820
7	6'-0" x 6'-8" Opaque Fiberglass Double Door w/ Boxed Sidelites & Combination Reinforced (2X) Mullion, Inswing/Outswing (OXXO)	Inswing +60/-60 Outswing +60/-60	TX-4820

Component Dimensions:

System	Overall Size		Door Panel Size	Sitelite Panel Size	Sidelite Daylight Opening Size
	Inswing	Outswing			
1	37-3/4" x 81-3/4"	37-3/4" x 81"	35-3/4" x 79"	N/A	N/A
2	52-1/2" x 81-3/4"	52-1/2" x 81"	35-3/4" x 79"	12" x 79-1/4"	5-7/8" x 62-7/8"
3	67-1/2" x 81-3/4"	67-1/2" x 81"	35-3/4" x 79"	12" x 79-1/4"	5-7/8" x 62-7/8"
4	74" x 81-3/4"	74" x 81"	35-3/4" x 79"	N/A	N/A
5	101" x 81-3/4"	101" x 81"	35-3/4" x 79"	12" x 79-1/4"	5-7/8" x 62-7/8"
6	102-1/2" x 81-3/4"	102-1/2" x 81"	35-3/4" x 79"	12" x 79-1/4"	5-7/8" x 62-7/8"
7	104" x 81-3/4"	104" x 81"	35-3/4" x 79"	12" x 79-1/4"	5-7/8" x 62-7/8"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-7	4" Butt Hinges	4	Install hardware and components in accordance with HM Sure Rock drawings: TX-4818, TX-4819 and TX-4820, dated January 9, 2017. Signed & sealed by Lyndon F. Schmidt, P.E. on January 9, 2017.
	Kwikset Signature Series Knob & Signature Series (980) Deadbolt or Schlage F-Series (F51) Knob & B-Series (B60N) Deadbolt	1 each	

Product Identification (Manufacturer Label on Door):

System		
1	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	H M Sure Rock
	Product Name	3'-0" x 6'-8" Opaque Fiberglass Single Doors, Inswing/Outswing
	Drawing	TX-4818
	Test Standards	ASTM E330-02

Product Identification (Manufacturer Label on Door): (continued)

System		
2	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	H M Sure Rock
	Product Name	3'-0" x 6'-8" Opaque Fiberglass Single Door w/ Sidelite, Inswing/Outswing
	Drawing	TX-4819
	Test Standards	ASTM E330-02
3	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	H M Sure Rock
	Product Name	3'-0" x 6'-8" Opaque Fiberglass Single Door w/ Sidelites, Inswing/Outswing
	Drawing	TX-4819
	Test Standards	ASTM E330-02
4	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	H M Sure Rock
	Product Name	6'-0" x 6'-8" Opaque Fiberglass Double Door, Inswing/Outswing
	Drawing	TX-4820
	Test Standards	ASTM E330-02
5	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	H M Sure Rock
	Product Name	6'-0" x 6'-8" Opaque Fiberglass Double Door w/ Boxed Sidelites & Combination Mullion, Inswing/Outswing
	Drawing	TX-4820
	Test Standards	ASTM E330-02
6	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	H M Sure Rock
	Product Name	6'-0" x 6'-8" Opaque Fiberglass Double Door w/ Boxed Sidelites & Combination Reinforced (1X) Mullion, Inswing/Outswing
	Drawing	TX-4820
	Test Standards	ASTM E330-02
7	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	H M Sure Rock
	Product Name	6'-0" x 6'-8" Opaque Fiberglass Double Door w/ Boxed Sidelites & Combination Reinforced (2X) Mullion, Inswing/Outswing
	Drawing	TX-4820
	Test Standards	ASTM E330-02

Impact Resistance:

System	Impact Resistant	Requirement
1-7	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

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 door. Sidelites must not be installed individually.

Installation:

System		
1-7	Type of Installation	Install and anchor doors in accordance with HM Sure Rock drawings: TX-4818, TX-4819 and TX-4820, dated January 9, 2017. Signed & sealed by Lyndon F. Schmidt, P.E. on January 9, 2017.
	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, the IBC, and the Texas Revisions.