

Product Evaluation

DR585 | 0220

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-585

Effective Date: February 1, 2020

Re-evaluation Date: February 2024

Product Name: 6'8" and 8'0" Masonite Steel Side Hinged Doors, Glazed, Singles w/ or w/out Sidelites, and Doubles, Inswing and Outswing, Non-Impact Resistant

Manufacturer: Endura Products, Inc.
8811 West Market Street
Colfax, NC 27235
(336) 668-2472

General Description:

System	Description	Label Rating	Drawing Number
1	6'0" x 6'8" Masonite Steel Side Hinged Doors, Glazed, Inswing/Outswing, Double (XX) Pine Frame	<u>Ultimate Hurricane Astragal</u> Inswing: +50 / -55 psf Outswing: +45 / -45 psf <u>Ultimate Multipoint Astragal</u> +50 / -50 psf <u>Ultimate Flip Lever Astragal</u> Inswing: +40 / -45 psf Outswing: +40 / -40 psf	TX-4171

General Description (Continued):

System	Description	Label Rating	Drawing Number
2	6'0" x 6'8" Masonite Steel Side Hinged Doors, Glazed, Inswing/Outswing, Double (XX) Fusion Frame	<u>Ultimate Hurricane Astragal</u> Inswing: +50 / -50 psf Outswing: +45 / -45 psf <u>Ultimate Multipoint Astragal</u> +50 / -50 psf <u>Ultimate Flip Lever Astragal</u> Inswing: +40 / -45 psf Outswing: +40 / -40 psf	TX-4171
3	6'0" x 8'0" Masonite Steel Side Hinged Doors, Glazed, Inswing/Outswing, Double (XX)	<u>Ultimate Hurricane Astragal</u> Inswing: +35 / -40 psf Outswing: +40 / -40 psf <u>Ultimate Multipoint Astragal</u> Inswing: +40 / -45 psf Outswing: +40 / -40 psf <u>Ultimate Flip Lever Astragal</u> Inswing: +40 / -45 psf Outswing: +25 / -25 psf	TX-4172
4	3'0" x 6'8" Masonite Steel Side Hinged Doors, Glazed, Inswing/Outswing, Single w/ Sidelites (OXO)	Inswing: +50 / -55psf Outswing: +45 / -45 psf	TX-4173
5	3'0" x 8'0" Masonite Steel Side Hinged Doors, Glazed, Inswing/Outswing, Single w/ Sidelites (OXO)	Inswing: +30 / -35 psf Outswing: +30 / -30 psf	TX-4174
6	3'0" x 6'8" Masonite Steel Side Hinged Doors, Glazed, Inswing/Outswing, Singles (X)	Inswing: +50 / -55 psf Outswing: +45 / -45 psf	TX-4419
7	3'0" x 8'0" Masonite Steel Side Hinged Doors, Glazed, Inswing/Outswing, Singles (X)	Inswing: +30 / -35 psf Outswing: +30 / -30 psf	TX-4420

Component Dimensions:

System	Overall Size	Panel Size	Maximum Daylight Opening Size
1-2	Inswing: 74" x 82" Outswing: 74" x 81.125"	35.75" x 79.25"	21" x 63"
3	Inswing: 74" x 98" Outswing: 74" x 97.125"	35.75" x 95"	21" x 79"
4	Inswing: 112.25" x 82" Outswing: 112.25" x 81.125"	35.75" x 79.25"	21" x 63"

Component Dimensions:

System	Overall Size	Panel Size	Maximum Daylight Opening Size
5	Inswing: 112.25" x 98" Outswing: 112.25" x 97.125"	35.75" x 95"	21" x 79"
6	Inswing: 37.5" x 82" Outswing: 37.5" x 81.125"	35.75" x 79.25"	21" x 63"
7	Inswing: 37.5" x 98" Outswing: 37.5" x 97.125"	35.75" x 95"	21" x 79"

Hardware:

System	Component	Quantity	Attachment Method
1-3	4" Hinge	3 for 6'8" doors 4 for 8'0" doors	Install according to Endura drawings TX-4171 and TX-4172, dated July 12, 2012, Revision 5 dated October 28, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on October 28, 2019.
	Deadbolt: Kwikset Signature Series (980/985) Latch: Kwikset Signature Series (991)	1 each	
	Latch Strike Plate	1	
	Deadbolt Strike Plate	1	
4-5	4" Hinge	3 for 6'8" doors 4 for 8'0" doors	Install according to Endura drawings TX-4173 and TX-4174 dated July 12, 2012, Revision 3 dated October 28, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on October 28, 2019.
	Deadbolt: Kwikset Signature Series (980/985) Latch: Kwikset Signature Series (991)	1 each	
	Latch Strike Plate	1	
	Deadbolt Strike Plate	1	
6-7	4" Hinge	3 for 6'8" doors 4 for 8'0" doors	Install according to Endura drawings TX-4419 and TX-4420 dated December 10, 2013, Revision 2 dated October 28, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on October 28, 2019.
	Deadbolt: Kwikset Signature Series (980/985) Latch: Kwikset Signature Series (991)	1 each	
	Latch Strike Plate	1	
	Deadbolt Strike Plate	1	

Product Identification (Manufacturer Label on Door):

System		
1-3	Certification agency	Self-labeled by manufacturer
	Manufacturer's name or code name	Endura Products, Inc
	Product name	Lip Lite Insert Glazed Masonite Steel Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Doubles
	Test standards	ASTM E330-14
4-5	Certification agency	Self-labeled by manufacturer
	Manufacturer's name or code name	Endura Products, Inc
	Product name	Lip Lite Insert Glazed Masonite Steel Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Single w/ Sidelites
	Test standards	ASTM E330-14
6-7	Certification agency	Self-labeled by manufacturer
	Manufacturer's name or code name	Endura Products, Inc
	Product name	Lip Lite Insert Glazed Masonite Steel Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Single
	Test standards	ASTM E330-14

Impact Resistance:

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

Installation:

System		
1-3	Type of installation	Install according to Endura drawings TX-4171 and TX-4172, dated July 12, 2012, Revision 5 dated October 28, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on October 28, 2019.
	Wall framing	
	Fasteners	
	Fastener embedment	
	Fastener location/spacing	

Installation (continued):

System		
4-5	Type of installation	Install according to Endura drawings TX-4173 and TX-4174 dated July 12, 2012, Revision 3 dated October 28, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on October 28, 2019.
	Wall framing	
	Fasteners	
	Fastener embedment	
	Fastener location/spacing	
6-7	Type of installation	Install according to Endura drawings TX-4419 and TX-4420 dated December 10, 2013, Revision 2 dated October 28, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on October 28, 2019.
	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 and the IBC.