

## Product Evaluation

DR586 | 0620

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-586

**Effective Date:** June 1, 2020

**Re-evaluation Date:** June 2024

**Product Name:** 6'8" and 8'0" Therma-Tru Glazed Steel Side Hinged Doors, Inswing and Outswing, Singles and Doubles, with or without Sidelites, Non-Impact Resistant

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

### General Description:

System	Description	Label Rating	Drawing Number
1	6'-0 x 6'-8" Double Door (XX)	<b>Ultimate Hurricane Astragal</b> +50 / -50 psf	TX-4208
2	6'-0 x 8'-0" Double Door (XX) Pine Frame	<b>Ultimate Hurricane Astragal</b> Inswing: +35 / -40 psf Outswing: +60 / -60 psf <b>Ultimate Multipoint Astragal</b> Inswing: +40 / -45 psf Outswing: +40 / -40 psf	TX-4209

**General Description (continued):**

System	Description	Label Rating	Drawing Number
3	6'-0 x 8'-0" Double Door (XX) Fusion Frame	<b>Ultimate Hurricane Astragal</b> Inswing: +35 / -40 psf Outswing: +50 / -50 psf <b>Ultimate Multipoint Astragal</b> Inswing: +40 / -45 psf Outswing: +40 / -40 psf	TX-4209

**General Description:**

System	Description	Label Rating	Drawing Number
4	3'-0" x 6'-8" Single Door w/ Sidelites (OXO)	Inswing: +35 / -40 psf Outswing: +40 / -40 psf	TX-4210
5	3'-0 x 8'-0" Single Door w/ Sidelites (OXO)	Inswing: +30 / -35 psf Outswing: +25 / -25 psf	TX-4211
6	3'-0" x 6'-8" Single Door (X)	Inswing: +35 / -40 psf Outswing: +40 / -40 psf	TX-4421
7	3'-0 x 8'-0" Single Door (X)	Inswing: +30 / -35 psf Outswing: +25 / -25 psf	TX-4422

**Product Dimensions:**

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	Inswing: 74.44" x 81.94" Outswing: 74.44" x 81.125"	36" x 79.25"	21" x 63"
2-3	Inswing: 74.44" x 97.94" Outswing: 74.44" x 97.125"	36" x 95.25"	21" x 79"
4	Inswing: 112.94" x 81.94" Outswing: 112.94" x 81.125"	36" x 79.25"	Door and Sidelites: 21" x 63"
5	Inswing: 112.94" x 97.94" Outswing: 112.94" x 97.125"	36" x 95.25"	Door and Sidelites: 21" x 79"
6	Inswing: 37.75" x 81.94" Outswing: 37.75" x 81.125"	36" x 79.25"	21" x 63"
7	Inswing: 37.75" x 97.94" Outswing: 37.75" x 97.125"	36" x 95.25"	21" x 79"

**Components and Hardware:**

System	Component	Quantity	Attachment Method
1-5	Hinges	3 (6'8" doors) 4 (8'0" doors)	Install hardware in accordance with Endura drawings No. TX-4208, TX-4209, TX-4210, and TX-4211, dated August 8, 2012. Revision 4 dated December 19, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on May 18, 2020. Drawing No. TX-4210 signed and sealed on May 21, 2020.
	Latch: Kwikset Signature Series (991) Deadbolt: Kwikset Signature Series (980/985)	1 each	
	Latch and Deadbolt Strike Plates	1 each	
6-7	Hinges	3 (6'8" doors) 4 (8'0" doors)	Install hardware in accordance with Endura drawings No. TX-4421 and TX-4422, dated December 10, 2013. Revision 4 dated December 19, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on May 18, 2020.
	Latch: Kwikset Signature Series (991) Deadbolt: Kwikset Signature Series (980/985)	1 each	
	Latch and Deadbolt Strike Plates	1 each	

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

System		
1-3	Certification agency	Self-labeled
	Manufacturer's name	Endura Products, Inc.
	Product name	Lip Lite Insert Glazed Therma-Tru Steel Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Doubles
	Test standards	ASTM E330-14
4-5	Certification agency	Self-labeled
	Manufacturer's name	Endura Products, Inc.
	Product name	Lip Lite Insert Glazed Therma-Tru Steel Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Single w/ Sidelites
	Test standards	ASTM E330-14
6-7	Certification agency	Self-labeled
	Manufacturer's name	Endura Products, Inc.
	Product name	Lip Lite Insert Glazed Therma-Tru Steel Side Hinged 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		
1-5	Type of installation	Install in accordance with Endura drawings No. TX-4208, TX-4209, TX-4210, and TX-4211, dated August 8, 2012. Revision 4 dated December 19, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on May 18, 2020. Drawing No. TX-4210 signed and sealed on May 21, 2020.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	
6-7	Type of installation	Install in accordance with Endura drawings No. TX-4421 and TX-4422, dated December 10, 2013. Revision 4 dated December 19, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on May 18, 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.