

Product Evaluation

DR855 | 0824

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-855

Effective Date: August 1, 2024

Re-evaluation Date: August 2028

Product Name: 6'8" and 8'0" Masonite Fiberglass Side Hinged Doors, Opaque, 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 | Design Pressure | Drawing Number |
|--------|--|--|----------------|
| 1 | 3'-0" x 6'-8" Single Door (X) | +50 / -50 psf | TX-4631 |
| 2 | 3'-0" x 6'-8" Single Door w/ Sidelites (OXO) | +50 / -50 psf | TX-4632 |
| 3 | 6'-0" x 6'-8" Double Door (XX); Ultimate Hurricane Astragal | Pine Frame Inswing: +50 / -55 psf Outswing: +60 / -60 psf Fusion Frame +50 / -50 psf | TX-4633 |

General Description (continued):

| System | Description | Design Pressure | Drawing Number |
|--------|---|--|----------------|
| 4 | 6'-0" x 6'-8" Double Door (XX); Ultimate Multipoint Astragal | Pine Frame Inswing: +40 / -40 psf Outswing: +55 / -55 psf Fusion Frame Inswing: +40 / -40 psf Outswing: +50 / -50 psf | TX-4633 |
| 5 | 3'-0" x 8'-0" Single Door (X) | Inswing: +40 / -45 psf Outswing: +35 / -35 psf | TX-4634 |
| 6 | 3'-0" x 8'-0" Single Door w/ Sidelites (OXO) | Inswing: +40 / -45 psf Outswing: +35 / -35 psf | TX-4635 |
| 7 | 3'-0" x 8'-0" Double Door (XX); Ultimate Hurricane Astragal | Pine Frame Inswing: +45 / -45 psf Outswing: +55 / -55 psf Fusion Frame Inswing: +45 / -45 psf Outswing: +50 / -50 psf | TX-4636 |
| 8 | 3'-0" x 8'-0" Double Door (XX); Ultimate Multipoint Astragal | Pine & Fusion Frame Inswing: +50 / -50 psf Outswing: +45 / -45 psf | TX-4636 |

Component Dimensions:

| System | Overall Size | Panel Size | Maximum Daylight Opening Size |
|--------|---|---------------------------------------|----------------------------------|
| 1 | Inswing: 37-1/2" x 82" Outswing: 37-1/2" x 81-1/8" | 35-3/4" x 79-1/4" | N/A |
| 2 | Inswing: 112-1/4" x 82" Outswing: 112-1/4" x 81-1/8" | Door & Sidelite: 35-3/4" x 79-1/4" | Door: N/A Sidelite: 21" x 63" |
| 3-4 | Inswing: 74" x 82" Outswing: 74" x 81-1/8" | 35-3/4" x 79-1/4" | N/A |
| 5 | Inswing: 37-1/2" x 98" Outswing: 37-1/2" x 97-1/8" | 35-3/4" x 95-1/4" | N/A |
| 6 | Inswing: 112-1/4" x 98" Outswing: 112-1/4" x 97-1/8" | Door & Sidelite: 35-3/4" x 95-1/4" | Door: N/A Sidelite: 21" x 79" |
| 7-8 | Inswing: 74" x 98" Outswing: 74" x 97-1/8" | 35-3/4" x 95-1/4" | N/A |

Hardware:

| System | Component | Quantity | Attachment method |
|----------|---|------------------------------------|---|
| 1, 5 | Hinges | 3 for 6'8" door 4 for 8'0" door | Install hardware in accordance with Endura drawings No. TX-4631 and TX-4634, dated October 25, 2016, Revision 1 dated September 19, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on September 23, 2019. |
| | Latch: Kwikset Signature Series (991) Deadbolt: Kwikset Signature Series (980/985) | 1 each | |
| | Latch and Deadbolt Strike Plate | 1 each | |
| 2, 6 | Hinges | 3 for 6'8" door 4 for 8'0" door | Install hardware in accordance with Endura drawings No. TX-4632 and TX-4635, dated August 31, 2016, Revision 1 dated September 19, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on September 23, 2019. |
| | Latch: Kwikset Signature Series (991) Deadbolt: Kwikset Signature Series (980/985) | 1 each | |
| | Latch and Deadbolt Strike Plate | 1 each | |
| 3-4, 7-8 | Hinges | 3 for 6'8" door 4 for 8'0" door | Install hardware in accordance with Endura drawings No. TX-4633 and TX-4636, dated August 31, 2016, Revision 2 dated September 19, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on September 23, 2019. |
| | Latch: Kwikset Signature Series (991) Deadbolt: Kwikset Signature Series (980/985) | 1 each | |
| | Latch and Deadbolt Strike Plate | 1 each | |

Product Identification (Manufacturer Label on Door):

| System | | |
|----------|----------------------|---|
| 1-2, 5-6 | Certification agency | Self-labeled |
| | Manufacturer's name | Endura Products, Inc. |
| | Product name | Opaque Masonite Fiberglass Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Single and Single w/ Sidelites |
| | Test standards | ASTM E330-14 |
| 3-4, 7-8 | Certification agency | Self-labeled |
| | Manufacturer's name | Endura Products, Inc. |
| | Product name | Opaque Masonite Fiberglass Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Double |
| | Test standards | ASTM E330-14 |

Impact Resistance:

| System | Impact Resistant | Requirement |
|--------|------------------|---|
| 1-8 | 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-4631 and TX-4634, dated October 25, 2016, Revision 1 dated September 19, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on September 23, 2019. |
| | Wall framing | |
| | Fasteners | |
| | Fastener embedment | |
| | Fastener location/spacing | |
| 2, 6 | Type of installation | Install in accordance with Endura drawings No. TX-4632 and TX-4635, dated August 31, 2016, Revision 1 dated September 19, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on September 23, 2019. |
| | Wall framing | |
| | Fasteners | |
| | Fastener embedment | |
| | Fastener location/spacing | |
| 3-4, 7-8 | Type of installation | Install in accordance with Endura drawings No. TX-4633 and TX-4636, dated August 31, 2016, Revision 2 dated September 19, 2019. Signed and sealed by Lyndon F. Schmidt, P.E. on September 23, 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.