



Product Evaluation

DR434 | 0115

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-434

Effective Date: March 1, 2013

Revised: January 1, 2015

Re-evaluation Date: March 2017

Product Name: Contours Steel Wood Edge Glazed Inswing and Outswing Hinged Doors with or without Sidelites and/or Fixed Transom, Non-impact Resistant

Manufacturer: JELD-WEN Windows & Doors
3737 Lakeport Blvd.
Klamath Falls, OR 97601
(541) 882-3451

Distributed by: JELD-WEN
Bison (A Stock Building Supply Company)

General Description:

| System | Description | Label Rating | Design Pressure Rating |
|--------|------------------------------------|---------------------|------------------------|
| 1 | Steel Entry Doors, O/OXO, Inswing | MST: 5'-5" x 8'-0" | +50 / -50 psf |
| 2 | Steel Entry Doors, O/OXO, Outswing | MST: 5'-5" x 7'-11" | +50 / -50 psf |

Overall Dimensions:

- System 1: 64.50" x 95.25"
- System 2: 64.50" x 94.50"

Component Dimensions (Doors):

| System | Door Panel Size | Panel Glass Daylight Opening Size |
|--------|-----------------|-----------------------------------|
| 1 | 35.75" x 79.00" | 21.13" x 63.13" |
| 2 | 35.75" x 79.00" | 21.13" x 63.13" |

Component Dimensions (Sidelites):

| System | Sidelite Panel Size | Panel Glass Daylight Opening Size |
|--------|---------------------|-----------------------------------|
| 1, 2 | 12.00" x 79.00" | 6.00" x 63.13" |

Component Dimensions (Transom):

| System | Transom Sash Size | Glass Daylight Opening Size |
|--------|-------------------|-----------------------------|
| 1, 2 | 62.81" x 11.88" | 58.56" x 7.63" |

Hardware:

- **Radius Butt hinge:** Three required; secure to the door panel with four (4), No. 9 x 3/4" screws and to the doorjamb with three (3), No. 9 x 3/4" screws and one (1), No. 10 x 1-1/2" screw.
- **Lockset:** Kwikset Lockset Series 400
- **Deadbolt:** Kwikset Deadbolt Series 660
- **Dead Bolt Strike Plate:** One required; secure with two (2), No. 8 x 2" screws.
- **Lockset Strike Plate:** One required; secure with two (2), No. 8 x 2" screws.

Product Identification – JELD-WEN (Certification Agency Label on Door):

| System | | |
|--------|----------------------------------|--|
| 1, 2 | Certification Agency | NAMI |
| | Manufacturer's Name or Code Name | Jeld-Wen |
| | Product Name | Energy Saver Contour, 24-gauge Steel Wood Edge, Full Lite, Inswing and Outswing Door Systems w/ or w/o Sidelites and/or Fixed Transoms, Non-Impact Resistant |
| | Test Standards | ASTM E283-04/E330-02/E331-00 |

Product Identification – BISON (Certification Agency Label on Door):

| System | | |
|--------|----------------------------------|--|
| 1, 2 | Certification Agency | NAMI |
| | Manufacturer's Name or Code Name | Bison (A Stock Building Supply Company Houston, TX) |
| | Product Name | Energy Saver Contour, 24-gauge Steel Wood Edge, Full Lite, Inswing and Outswing Door Systems w/ or w/o Sidelites and/or Fixed Transoms, Non-Impact Resistant |
| | Test Standards | ASTM E283-04/E330-02/E331-00 |

Impact Resistance:

| System | Impact Resistant | Requirement |
|--------|------------------|--|
| 1, 2 | No | Provide an impact protective system when installing the product in areas that require windborne debris protection. |

Installation:

- Use a minimum Southern Yellow Pine dimension lumber for wall framing. Secure the assembly to the wall framing as follows:
 - **Door and Sidelite Side Jamb:** Minimum No. 10 screws located 5" from each end and 14" on center measured from the head.

Installation (continued):

- **Sill:** Minimum No. 10 screws located 5" from each end, 3" and 6" on each side of each vertical mullion.
- **Transom Head:** Minimum No. 10 screws located 5" from each end, 3" and 6" on each side of each vertical mullion.
- **Transom Jamb:** Minimum No. 10 screws located 3" from each end of the transom.
- Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall framing.

Note: Keep the manufacturer's installation instructions at the job site during installation. Use corrosion resistant fasteners as specified in the IRC, IBC, and the Texas Revisions.