

Product Evaluation

GDR72 | 0422

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: GDR-72

Effective Date: April 1, 2022

Re-evaluation Date: April 2026

Product Name: Series 3652 Steel Roll-Up Doors, Non-Impact Resistant

Manufacturer: Janus International Corporation
135 Janus International Blvd.
Temple, GA 30179-4435
(866) 562-2580
www.janusintl.com

General Description:

The roll-up doors are made up of lock seamed together corrugated steel panels that span between the guides located on each side of an opening. The panels are constructed of 26-gauge material. The dimensions of the formed panels are 5/8" deep, 3-1/4" corrugation pitch, and 20" panel height. The panels are manufactured from ASTM A 653 GR 80 zinc coated steel and are pre-painted with a full coat of primer and baked siliconized polyester finish coat. Windlocks are attached to both ends of every other corrugation. Guides are a roll formed steel shape. Bottom bar is single roll formed steel angle construction. Sheets 1 and 2 of the approved drawings show the details of the door construction, guides, various components, and specific door requirements based on curtain type, opening widths, and design pressure requirements.

Design Drawings:

Janus International Group, LLC; Certified Wind Load Rated 26 GA. Series 3652 Door Assembly Max. Size 16'-0" x 20'-0"; Drawing No. T1014TX, Rev C; Sheet 1 and 2 of 2; revised November 11, 2021; sealed by John E. Scates, P.E., seal date March 2, 2022.

Wall Construction: The roll-up doors may be mounted to the following types of wall framing:

- Cast-in-place concrete (minimum 2,500 psi)
- Grout-filled masonry CMU (minimum 2,000 psi grout)
- Steel, thickness as specified in table on drawing.

Maximum Opening Width: 16'-0"

Maximum Opening Height: 20'-0"

Glazing: Not permitted.

Product Identification:

A label will be affixed to the bottom bar of the roll-up door. The label includes the manufacturer's name (Janus International Group, LLC); the model number (3652); DP per referenced drawing; the design drawing number (T1014TX); and the test standards (ASTM E 330-02; ANSI/DASMA 108-05)

Limitation:

Allowable Design Pressure Rating: Refer to the table on the approved drawings for the allow design pressure ratings for the roll-up doors.

Impact Resistance: These door assemblies have not been tested for impact resistance.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified above are acceptable within the limitations specified in this report.

Installation:

Anchorage of Door to Substrate: The roll-up doors must be anchored to the structure in accordance with the approved drawings. Anchorage of rolling doors to concrete, grout-filled CMU, or steel must follow the mounting details on the approved drawings and the fasteners specified in the mounting details. Minimum edge distances and minimum embedment depths for all fasteners that penetrate into the structure must be as specified on the design drawings.

Tensioner Bracket Mounting:

Cast-in-Place Concrete, Pre-Cast Concrete, Grout-Filled CMU: Anchor each bracket to the substrate with three (3) minimum 3/8" diameter Powers Wedge-Bolt anchors with a minimum 1-1/2" embedment. If the bolts must penetrate through a wall covering, then increase the bolt length by the thickness of the wall covering material.

Steel Substrate: Anchor each bracket to the substrate with three (3) minimum 1/4" diameter steel screws with full penetration into the steel. If the screws must penetrate through a wall covering, then increase the screw length by the thickness of the wall covering material.

Note: Keep the manufacturer's installation instructions available on the job site during the installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.