

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION GDR-69

Effective May 1, 2011

*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 shall be subject to reevaluation June 2015.*

*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.*

**Series SD10 Rolling Doors, Impact Resistant, as manufactured by:**

**Janus International Corporation**  
**134 Janus International Blvd.**  
**Temple, Georgia 30179-4435**  
**(866) 562-2580**  
[www.janusintl.com](http://www.janusintl.com)

will be accepted for use in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with this product evaluation and the approved drawings that are referenced in this evaluation report.

## PRODUCT DESCRIPTION

**General:** Janus Rolling Doors are made up of steel slats that span between the guides located on each side of an opening. The F8265 slats may be constructed of 18, 20, or 22 gauge material. The dimensions of the formed slat are 21/32" deep and 2 5/8" pitch. The slats are manufactured from ASTM A 653 GR 40 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 slat. Guides are three piece structural steel angles with wind bar. Bottom bar is double structural 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.

## LIMITATIONS

**Design Drawings:** The rolling doors shall be installed in accordance with Janus International Corporation drawing RS9007, sheets 1 and 2 of 2, dated February 9, 2010, signed and sealed by Joseph H. Dixon, P.E. on October 2, 2010. The stated drawings will be referred to as approved drawings in this report. A copy of the approved drawings shall be available at the job site.

**Wall Construction:** The rolling doors may be mounted to the following types of wall framing:

- Cast-in-place concrete (minimum 3,000 psi)
- Steel, minimum  $\frac{3}{16}$ " thick, A36

**Maximum Opening Width:** 16'-4"

**Maximum Opening Height:** 30'-0"

**Glazing:** Not permitted.

**Allowable Design Pressure Rating:** ±40 psf.

**Product Identification:** A label will be affixed to the rolling door. The label shall include the name, series, or model number of the door; the name of the door manufacturer; the design pressure rating for the door; and compliance with either ASTM E 330 or ANSI/DASMA 108. In addition, the label shall indicate compliance with either ASTM E 1886 and ASTM E 1996 (and list the missile level), compliance with ANSI/DASMA 115, or compliance with TAS 201 and TAS 203.

**Impact Resistance:** The doors listed in this report satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the **Inland I** and the **Seaward zone**. The door assemblies passed the equivalent of Missile Level D as specified in ASTM E1996-04. The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

**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 INSTRUCTIONS

**General Installation Requirements:** The rolling doors shall be installed in accordance with the manufacturer's installation instructions, the approved drawings, and this product evaluation report.

**Anchorage:** The rolling doors shall be anchored to the structure in accordance with the approved drawings. Anchorage of rolling doors to concrete or steel shall 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 shall be as specified on the design drawings.

**Note:** The manufacturer's installation instructions and as build drawings shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC) and the International Building Code (IBC).