

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION GDR-56

Effective Date: August 1, 2014

*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 **September 2018**.*

*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.*

**Steel Roll Up Service Doors, Impact Resistant**, as manufactured by:

**Overhead Door Corporation**  
**2501 S. State Hwy 121, Suite 200**  
**Lewisville, Texas 75067**  
**Telephone: (800) 972-1730**

will be accepted for use in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with this product evaluation. Installation instructions and the appropriate design drawings for the particular model, as shown in Tables 1, shall be provided and available on the job site during installation.

## PRODUCT DESCRIPTION

**General:** Overhead Door Corporation rolling steel door curtains are constructed from G-90 galvanized steel (that may be powder coated) or stainless steel. The slat options available are flat, curved, and insulated. The 625 series door may be constructed of 20, 22 or 24 gauge steel front skin and 24 gauge steel back skin covering the cfc-free polyurethane insulation. The guides are primed steel with specifications detailed on the drawings. Model dimensions, drawing number, and allowable design pressure rating are shown in Table 1.

**Product Identification:** A label will be affixed to the garage door guide. The label shall include the manufacturer's name, series and model number, and the allowable design pressure rating.

## LIMITATIONS

**Design Pressure Rating:** To attain the specified design pressure ratings and impact resistance, doors must be installed and reinforced according to the appropriate shop drawing shown in Table 1.

**Impact Resistance:** The door assemblies shown in Table 1 satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the **Inland I zone** and the **Seaward zone** and do not need to be protected with an impact protective system. The impact resistant doors were not tested with optional glass panes.

### INSTALLATION INSTRUCTIONS

**General:** Doors shall be installed according to the appropriate Overhead Door engineering drawing specified for the particular model and design pressure shown in Table 1.

**Design Drawings:** The doors shall be installed as specified on the design drawings. The design drawings shall be provided with the door. Each page of the design drawings shall be signed, sealed, and dated November 6, 2013 by Mark A. Sawicki, P.E. The following information, as a minimum, shall be provided on the design drawings:

- Drawing Number
- Model Number
- Design Pressures Rating
- Maximum Width and Maximum Height

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

**Table 1 - Impact Rated Assemblies**

Model Series	Door Width (max.)	Door Height (Max.)	Drawing Number	Design Pressure (PSF)	Reinforcing	Jamb Detail	Glass Option
610	10'	30'-0"	308123 Rev H; Revision Date: 5/03/2013	±65	Roll-Up Door-Skin Only	See Drawing	No
610/620	16'	30'-0"	308125 Rev H; Revision Date: 5/03/2013	±65	Roll-Up Door-Skin Only	See Drawing	No
610/620	22'	30'-0"	308133 Rev H; Revision Date: 5/03/2013	±65	Roll-Up Door-Skin Only	See Drawing	No
625	16'	30'-0"	308124 Rev H; Revision Date: 5/03/2013	±65	Roll-Up Door-Skin Only	See Drawing	No
625	22'	30'-0"	308134 Rev H; Revision Date: 5/03/2013	±65	Roll-Up Door-Skin Only	See Drawing	No