

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION GDR-94

Effective April 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 **April 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.

Commercial Roll-Up Garage Fire Door Slats, 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 shop drawings for the particular model, as shown in Tables 1, shall be provided and available on the job site during installation.

PRODUCT DESCRIPTION

General: The rolling steel fire door curtains are constructed from G-40 galvanized steel (that may be powder coated) or stainless steel. The slat options available are flat F-265 (Series 630/631/634) and insulated FIP (Series 635). The Series 635 door may be constructed of 18, 20 or 22 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. Slat dimensions, drawing number, and allowable design pressure rating are shown in Table 1.

Product Identification: A label will be affixed to the garage door. 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, doors must be installed according to the appropriate shop drawing shown in Table 1.

Impact Resistance: The door assemblies shown in Tables 1 satisfy the Texas Department of Insurance's criteria for protection from windborne debris and do not need to be protected with an impact protective system.

Table 1 - Impact Rated Assemblies

Slat Model	Door Width (max.)	Door Height (max.)	Drawing Number	Design Pressure (PSF)	Jamb Detail
F265	14'-0"	24'-0"	308231 Dated 9/23/09 Rev E 9/20/13	±65	See Drawing
FIP	14'-0"	24'-0"	308232 Dated 9/23/09 Rev F 9/20/13	±65	See Drawing

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. The doors can be mounted to either steel or a concrete jamb.

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.