

## Product Evaluation

GDR56 | 0822

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-56

**Effective Date:** August 1, 2022

**Re-evaluation Date:** August 2026

**Product Name:** Steel Roll-Up Service Doors, Impact Resistant

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

### General Description:

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.

### Limitations:

**Design Drawings:** The rolling doors must be installed in accordance with the drawings referenced in Table 1. Each page of the drawing is sealed by John E Scates, P.E. The first page is digitally signed and dated. The drawing number, revision date, and seal date are specified in Table 1. The stated drawings will be referred to as approved drawings in this evaluation report. A copy of the approved drawings must be available at the job site.

**Table 1 - Impact Rated Assemblies**

Model Series	Door Width (max.)	Door Height (Max.)	Drawing Number	Design Pressure	Reinforcing	Jamb Detail
610	10'	30'-0"	D-308123 Rev. K dated 5-31-22 Sealed 6-24-22	±65 psf	Roll-Up Door-Skin Only	See Drawing
610/620	16'	30'-0"	D-308125 Rev. K dated 5-31-22 Sealed 6-24-22	±65 psf	Roll-Up Door-Skin Only	See Drawing
610/620	22'	30'-0"	D-308133 Rev. K dated 5-31-22 Sealed 6-24-22	±65 psf	Roll-Up Door-Skin Only	See Drawing
625	16'	30'-0"	D-308124 Rev. K dated 5-31-22 Sealed 6-24-22	±65 psf	Roll-Up Door-Skin Only	See Drawing
625	22'	30'-0"	D-308134 Rev. K dated 5-31-22 Sealed 6-24-22	±65 psf	Roll-Up Door-Skin Only	See Drawing

**Product Identification:**

**Drawing D-308123:** The rolling door assemblies have a label that identifies the manufacturer (Overhead Door); the model numbers (610/611); the drawing number (308123); the allowable pressure rating; and the test standards (TAS 201, TAS-202, TAS-203)

**Drawing D-308125:** The rolling door assemblies have a label that identifies the manufacturer (Overhead Door); the model numbers (610/611/620/621); the drawing number (308125); the allowable pressure rating; and the test standards (TAS 201, TAS-202, TAS-203)

**Drawing D-308133:** The rolling door assemblies have a label that identifies the manufacturer (Overhead Door); the model numbers (610/611/620/621); the drawing number (308133); the allowable pressure rating; and the test standards (TAS 201, TAS-202, TAS-203)

**Drawing D-308124:** The rolling door assemblies have a label that identifies the manufacturer (Overhead Door); the model numbers (625/626); the drawing number (308124); the allowable pressure rating; and the test standards (TAS 201, TAS-202, TAS-203)

**Drawing D-308134:** The rolling door assemblies have a label that identifies the manufacturer (Overhead Door); the model numbers (625/626); the drawing number (308134); the allowable pressure rating; and the test standards (TAS 201, TAS-202, TAS-203)

**Limitations:**

**Allowable Design Pressure Rating:** The rolling doors have a maximum allowable design pressure rating of +/-65 psf.

**Impact Resistance:**

**Drawing D-308123:** The door assemblies have been tested for windborne debris resistance. They have passed the equivalent of Missile Level D specified in ASTM E1996-14a. Install the assembly at any height on the structure that does not exceed the assembly's design pressure rating. For essential facilities, the assembly may not be installed in Wind Zone 3 and may be installed in Wind Zone 2.

**Drawing D-308125; D-308133:** The door assemblies have been tested for windborne debris resistance. They have passed the equivalent of Missile Level E specified in ASTM E1996-14a. Install the assembly at any height on the structure (including essential facilities) that does not exceed the assembly's design pressure rating.

**Drawing D-308124; D-308134:** The door assemblies have been tested for windborne debris resistance. They have passed the equivalent of Missile Level D and E specified in ASTM E1996-14a. Refer to Note: 3 in the design drawing for proper slat construction. For doors constructed to pass Missile Level D, install the assembly at any height on the structure that does not exceed the assembly's design pressure rating. For essential facilities, the assembly may not be installed in Wind Zone 3 and may be installed in Wind Zone 2. For doors constructed to pass Missile Level E, install the assembly at any height on the structure (including essential facilities) that does not exceed the assembly's design pressure rating.

**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:**

**General:** These doors must be installed in accordance with the manufacturer's published installation instructions, the approved drawings, and this product evaluation report. A copy of the approved drawings and the manufacturer's installation instructions must be available at all times at the job site during installation. The information within this evaluation report governs if there are any conflicts between the manufacturer's instructions and this evaluation report. Refer to Table 1 for maximum allowable door dimensions, allowable design pressures, and applicable drawings.

**Anchorage:** The rolling doors must be anchored to the structure in accordance with the approved drawings. Anchorage of rolling doors to concrete or steel must follow the mounting details on the approved drawings and the fasteners specified in the mounting details. Minimum edge distances must be as specified on the design drawings.

**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.