

## Product Evaluation

GDR154 | 0722

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-154

**Effective Date:** July 1, 2022

**Re-evaluation Date:** July 2026

**Product Name:** Carriage House Residential Wood Sectional Doors, Impact Resistant

**Manufacturer:** Carriage House Door Company  
1571 East Main Street  
Old Fort, NC 28762  
(828) 668-1600

### General Description:

The garage doors specified in this product evaluation report are residential, wood, sectional, overhead doors. The doors are impact resistant. The doors may contain glazing.

### Product Identification:

**System 1:** The doors have a manufacturer-produced label applied that include the manufacturer's name (Carriage House Door Company); the product name (101 Wood Impact Rated Door); the design pressure rating (+48 / -55 psf); the drawing number (1756); the test standards (ANSI/DASMA 108-12; and ANSI/DASMA 115-12); the missile rating (Large Missile Impact Resistant).

**System 2:** The doors have a manufacturer-produced label applied that include the manufacturer's name (Carriage House Door Company); the product name (101 Wood Impact Rated Door); the design pressure rating (+36.1 / -40.2 psf); the drawing number

(1766) the test standards (ANSI/DASMA 108-12; and ANSI/DASMA 115-12); and the missile rating (Large Missile Impact Resistant).

**Limitations:**

The doors are impact resistant.

All door options include glazing.

The doors do not contain louvers.

The maximum height of each door section must not exceed 27". Refer to the design drawings for the actual height for a specific door.

The maximum door width and door height is specified in Table 1 and on the design drawing.

**Design Pressures:** The design pressure ratings for the door are specified in Table 1 and on the design drawings.

**Glazing:** The doors may contain impact resistant glazing. The glazing construction, the maximum daylight opening size, and the attachment of the glazing to the door panels is specified on the design drawings.

**Impact Protection:** These doors have been tested for windborne debris resistance. The doors passed the equivalent of Missile Level D specified in ASTM E 1996-14a. An impact protective system is not required.

**Table 1 - Impact Rated Assemblies**

System	Design Drawing Number	Allowable Dimensions		Design Pressure (psf)	Glazing
		Maximum Door Width	Maximum Door Height		
1	1756 6/03/2021 Sealed: 5/25/2022	10'-0"	12'-0"	+48.0 / -55.0	Yes
2	1766 5/09/2022 Sealed: 6/04/2022	18'-0"	12'-0"	+36.1 / -40.2	Yes

**Installation:**

**Design Drawings:** Install the doors as specified on the design drawings. The manufacturer will provide the design drawings with the door. The drawings are signed and sealed by John E. Scates, PE. The first page of the design drawing has the seal date. The drawing number, drawing date, and seal date are specified in Table 1.

**Attachment of Doors to Wall Framing:**

Minimum 2x6 Southern Yellow Pine wood jambs are laid flat on the interior face of the wall of the structure. The wood jambs are secured to the wall framing as specified on the design drawings. The door tracks are secured to the 2x6 jambs as specified on the design drawings.

**Note:** The manufacturer's installation instructions and the appropriate design drawing must be available on the job site during installation. All fasteners must be corrosion resistant as specified in the IRC and the IBC.