

Product Evaluation

GDR109 | 0622

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-109

Effective Date: June 1, 2022

Re-evaluation Date: February 2026

Product Name: Clopay Residential Steel Sectional Garage Doors, Classic and Gallery Intellicore, Non-impact Resistant

Manufacturer: Clopay Building Products Company
8585 Duke Blvd.
Mason, OH 45040
(513) 770-4800

Marketed Under: Clopay
Ideal
Holmes

Sold as: Ideal Door Company
Holmes Garage Door

The doors are acceptable in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with this evaluation. Installation instructions and the appropriate design drawings for the particular model, as shown in Tables 1 and 2, must be provided and available on the job site during installation.

Product Description:

The garage doors specified in this evaluation are sectional overhead doors constructed from galvanized steel with a baked-on polyester finish. The doors may be raised panel or flat and may have a smooth or an embossed wood grain texture. Insulated sectional garage doors will have an interior skin with 1-3/8" thick or 2" thick, 2.4 pcf density Intellicore (polyurethane) foam insulation between the skins.

Product Identification:

A label will be affixed to the garage door that includes manufacturer's name, manufacturing product code, drawing reference, allowable design pressure rating, the TDI evaluation report number (GDR-109), and the test standards (ANSI/DASMA 108 or TAS 202).

To minimize inventory, the same section construction configuration is used across several different wind load levels for the same door model and size. The section remains the same because the differences in the struts, track, and hardware allow for the same section to be upgradeable for different wind load levels. The label will list all approved variations that the section can be used to construct, and each design drawing will list the equivalent sections.

Limitations:

This evaluation report includes design drawings, allowable dimensions, and design pressures for non-impact resistant sectional garage doors.

The maximum height of each door section must not exceed 21". Refer to the design drawings for the allowable section height for a particular door.

The doors have a maximum allowable width of 18'-0". Refer to Tables 1 and 2 for the allowable width of the door for a particular door model.

The doors have a maximum allowable height of 16'.

The design pressure rating for a particular model door is specified in Tables 1 and 2.

Impact Resistance:

The doors assemblies specified in Table 1 and 2 have not been tested for windborne debris resistance. Doors specified in Table 1 that contain glazing and are installed in areas where windborne debris protection is required may not be installed unless the entire door is protected with an impact protective system.

Glazing: The glazing construction, the maximum daylight opening size, and the attachment method are specified on the design drawings.

Louvers: Not permitted.

Installation Instructions:

Design Drawings: Install doors as specified on the design drawings. The design drawings must be provided with the door. Each page of the design drawings must be sealed, dated, and signed by Mark W. Westerfield, PE. The drawing date, revision date, and seal date are specified in Table 1 and Table 2.

Attachment of Doors to Wall Framing: Attach door track brackets either directly to the wall framing or to minimum 2x6 Southern Yellow Pine wood jambs that are secured to the wall framing with fasteners. The allowable methods of attachment and illustrations of the allowable methods of attachment are specified on each design drawing.

- **Direct Attachment of Door Track Brackets to Wall Framing:** The wall framing must be minimum Southern Pine dimension lumber. Secure track bracket to wall framing with lag screws as specified on the design drawings. Refer to the design drawings for the proper location of the lag screws into the wall framing.
- **Attachment of Door Components to Wood-Framed Walls Using a Wood Jamb:** Attach brackets for the vertical tracks directly to wood jambs with the fasteners specified on the design drawings. Attaching wood jambs to wood-framed walls must be as specified in the Jamb Fastener Analysis Connecting Jamb to Existing Structure, document CBPC-JFA-0001-REV04, signed and sealed on July 18, 2021, by Mark Westerfield, P.E.
- **Attachment of Door Components to Concrete/Masonry Block Walls Using a Wood Jamb:** Attach brackets for the vertical tracks directly to wood jambs with the fasteners specified on the design drawings. The attachment of the wood jambs to the concrete/masonry block walls must be as specified in the Jamb Fastener Analysis Connecting Jamb to Existing Structure, document CBPC-JFA-0001-REV04, signed and sealed on July 18, 2021, by Mark Westerfield, P.E.

Note: Keep the manufacturer's installation instructions, the design drawings, and the Jamb Fastener Analysis Connecting Jamb to Existing Structure document available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC

Table 1: Non-Impact Rated Assemblies | Clopay, IDEAL, and Holmes W4 Doors

Mfg Product Code	Clopay Model #s	IDEAL Model #s	Holmes Model #s	Max Door Width	Max Door Height	Drawing Number	Design Pressure (psf)	Glass Option
DSIU-1A171	9130, HDP13, 9133, HDPL13, 9139, HDPF13	8130, 8133, 8131	7130, 7133, 7131	9'-0"	16'-0"	104947-TDI-Rev03 12/01/2021 Sealed 1-11-2022	+25.0; -28.0	Yes
DSIU-1A171	9130, HDP13, 9133, HDPL13, 9139, HDPF13	8130, 8133, 8131	7130, 7133, 7131	16'-0"	16'-0"	104704-TDI-Rev03 12/01/2021 Sealed 1-11-2022	+24.0; -26.5	Yes
DSIU-1A171	9130, HDP13, 9133, HDPL13, 9139, HDPF13	8130, 8133, 8131	7130, 7133, 7131	18'-0"	16'-0"	104887-TDI-Rev03 12/01/2021 Sealed 1-11-2022	+24.0; -26.0	Yes

Table 2: Non-Impact Assemblies | Clopay, IDEAL, and Holmes W5 Doors

Mfg Product Code	Clopay Model #s	IDEAL Model #s	Holmes Model #s	Max Door Width	Max Door Height	Drawing Number	Design Pressure (psf)	Glass Option
DSIU-1A171	9130, HDP13, 9133, HDPL13, 9139, HDPF13	8130, 8133, 8131	7130, 7133, 7131	9'-0"	16'-0"	104866-TDI-Rev03 12/01/2021 Sealed 1-11-2022	+33.0; -37.0	Yes
DSIU-1A171	9130, HDP13, 9133, HDPL13, 9139, HDPF13	8130, 8133, 8131	7130, 7133, 7131	16'-0"	16'-0"	104191-TDI-Rev05 12/01/2021 Sealed 1-11-2022	+32.0; -32.0	Yes