

Product Evaluation

DR774 | 0720

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: DR-774

Effective Date: July 1, 2020

Re-evaluation Date: February 2024

Product Name: VistaLuxe Aluminum Clad Wood Glazed Hinged Doors, Inswing and Outswing, Non-Impact Resistant

Manufacturer: Kolbe & Kolbe Millwork Co., Inc.
1323 South 11th Ave.
Wausau, WI 54401
(715) 842-5666

General Description:

System	Description	Label Rating	Design Pressure Rating
1	VistaLuxe Clad Wood Glazed Hinged Doors; Inswing	LC-PG50 (38 x 98)-SHD	+50 / -50 psf
2	VistaLuxe Clad Wood Glazed Hinged Doors; Outswing	LC-PG50 (38 x 98)-SHD	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1-2	38" x 98"	36" x 96"	30-7/8" x 88-9/16"

Components and Hardware:

- **Hinges:** Four required; secure to the door panel with four No. 9 x 2" PFH screws and to the side jamb with four No. 9 x 3/4" PFH screws
- **Hoppe 3-point Locking System:** located on the active panel
- **Deadbolt strike plate:** One required; secure with No. 7 x 5/8" screws
- **Strike Plate for 3-point Lock:** secure each with two No. 7 x 5/8" screws

Product Identification (Certification Label on Door):

System		
1	Certification agency	WDMA
	Manufacturer's name or code name	Kolbe & Kolbe Millwork Co., Inc.
	Product name	VistaLuxe Inswing Door
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,11
2	Certification agency	WDMA
	Manufacturer's name or code name	Kolbe & Kolbe Millwork Co., Inc.
	Product name	VistaLuxe Outswing Door
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,11

Impact Resistance:

System	Impact Resistant	Requirement
1-2	No	Provide an impact protective system when installing the product in areas that require windborne debris.

Installation:**Option 1: Frame-Clip Installation**

The wood wall framing must be minimum Southern Yellow Pine dimension lumber. The door assembly is secured to the wall framing with installation clips (1-5/8" x 10-1/16" x 0.04" galvanized steel) spaced approximately 19" from each corner along the head and 19-5/8" from each corner and on center along the side jambs. Secure the clips to the door frame with two No. 7 x 3/4" screws and to the wall framing with one No. 8 x 1-3/4" screw. Secure the sill with No. 10 x 2-1/2" screws located 19" from each corner. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Option 2: Screw Through Frame

The wood wall framing must be minimum Southern Yellow Pine dimension lumber. The door assembly is secured to the wall framing with minimum No. 10 x 2-1/2" screws. Locate the screws approximately 14" from each corner and on center along the side jambs. Along the sill, locate the screws approximately 19" from each corner. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.