



Product Evaluation

DR760 | 0616

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-760

Effective Date: June 1, 2016

Re-evaluation Date: March 2019

Product Name: Teutonic Vinyl Tilt and Slide Doors, Non-Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure Rating	Hallmark Certification
1	Teutonic Vinyl Tilt and Slide Doors	LC-PG40 95.25 x 82.62-SD	+40 /-45 psf	416-H-1011.01 416-H-1011.02
2	Teutonic Vinyl Tilt and Slide Doors	CW-PG55 95.25 x 82.62-SD	± 55 psf	416-H-1011.00

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	95-1/4" x 82-5/8"	44-3/4" x 80"	38-1/4" x 73-1/2"
2	95-1/4" x 82-5/8"	44-3/4" x 80"	38-1/4" x 73-1/2"

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Kolbe & Kolbe Millwork Co., Inc.
	Product Name	Teutonic Tilt Sliding Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-11
2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Kolbe & Kolbe Millwork Co., Inc.
	Product Name	Teutonic Tilt Sliding Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

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

Installation:**System 1:**

Use minimum Spruce-Pine-Fir dimension lumber. The assembly is secured to the wall framing using 16-gauge galvanized steel installation clips (1" x 5-7/8"). Along each side jamb, the installation clips are spaced 6" from each corner and 18" on center. Along the head and sill, the installation clips are spaced 6" from each corner, 6" on either side of the intermediate member, and at the mid span of the operable and fixed panels. Each clip secured to the vinyl extruded frame with one No. 8 x 1" SD screw and secured to the wall framing with one, No. 10 x 1-1/2" PPH screw. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

System 2:

Use minimum Spruce-Pine-Fir dimension lumber. The assembly is secured to the wall framing using minimum No. 10 x 1-1/2" screws. Along each side jamb, the fasteners are spaced 6" from each corner and 18" on center. Along the head and sill, the fasteners are spaced 6" from each corner, 6" on either side of the intermediate member, and at the mid span of the operable and fixed panels. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

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