



# Product Evaluation

WIN2130 | 0916

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:** WIN-2130

**Effective Date:** September 1, 2016

**Re-evaluation Date:** May 2020

**Product Name:** Teutonic Vinyl Tilt and Turn Windows, Frame Installation, 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 Turn Windows	CW-PG80 48 x 72-DAW	± 80 psf	416-H-1031.00 416-H-1031.01 416-H-1031.02 416-H-1031.03

### Product Dimensions:

System	Overall Size	Operable Sash Size
1	44" x 72"	44-7/8" x 68-7/8"

### Product Identification (Certification Agency Label on Window):

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

**Impact Resistance:**

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

**Installation (One of the Following):**

**Clip Installation:** Use minimum Southern Yellow Pine dimension lumber. The window is secured to the wall framing using the frame of the window with minimum 16-gauge, 1" x 5-7/8" galvanized steel installation clips. Along the head and the sill, the fasteners are spaced 6" from each corner and 18" on center. Along each side jamb, the fasteners are spaced approximately 6" from each corner and 15" on center. The clips are hooked into the vinyl window frame and secured to the wall framing with one No. 8 PPH screw. The clips must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

**Screw Installation:** Use minimum Southern Yellow Pine dimension lumber. The window is secured to the wall framing using the frame of the window with minimum No. 10 x 2" PPH screws. Along the head and the sill, the fasteners are spaced 6" from each corner and 18" on center. Along each side jamb, the fasteners are spaced approximately 6" from each corner and 15" on center. 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.