

Product Evaluation

WIN423 | 0820

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-423

Effective Date: August 1, 2020

Re-evaluation Date: March 2023

Product Name: Heritage Prime Wood Operating Casement Windows, Frame Installation, 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	Heritage Prime Wood Operating Casement Windows	CW-PG65 (36 x 72)-C Missile Level D	+65 / -70 psf

Product Dimensions:

System	Overall Size	Operable Sash Size
1	36" x 72"	34-1/16" x 70-1/16"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Kolbe & Kolbe Millwork Co., Inc.
	Product Name	Heritage Casement
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08, 11 ASTM E1886-05/E1996-09; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

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

The wood wall framing members must be minimum Southern Yellow Pine dimension lumber. The window assembly is secured to the wall framing using Kolbe & Kolbe installation clips (20-gauge steel, 10-1/16" long, 1-5/8" wide). Clips are attached to the window frame using two (2) No. 8 x 3/4" PFH screws and to the wall framing using one (1) No. 8 x 1-3/4" PFH screw. Locate the clips approximately 14-1/2" from each corner and on center along the side jambs. Along the head and sill, locate the clips approximately 18" from each corner. The brickmould was secured to the wall framing using 2-1/2" zinc coated T-nails spaced approximately 24" on center. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Screw Through Frame:

The wood wall framing members must be minimum Southern Yellow Pine dimension lumber. The window assembly is secured to the wall framing using minimum No. 10 x 2-1/2" PFH screws. Locate the screws approximately 12" from each corner and on center along the perimeter. The brickmould was secured to the wall framing using 2-1/2" zinc coated T-nails spaced approximately 24" on center. The brickmould was secured to the wall framing using 2-1/2" zinc coated T-nails spaced approximately 24" on center into the wall framing members. 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.