

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION

WIN-1795

Effective Date: October 1, 2013
 Reevaluation Date: **September 2015**

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.

Ultra Pocket Aluminum Clad Wood Double Hung Windows, Non-Impact Resistant, manufactured by

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

General Description:

System	Description	Label Rating	Design Pressure Rating (psf)	Hallmark Certification
1	Ultra Pocket Aluminum Clad Wood Double Hung Windows	LC-PG30 91 x 80-H H-LC30 91 x 80	+30, -30	413-H-1190.00 413-H-1190.01 413-H-1190.02 413-H-1190.03
2	Ultra Pocket Aluminum Clad Wood Double Hung Windows	LC-PG30 91 x 80-H H-LC30 91 x 80	+30, -30	413-H-1172.00 413-H-1172.01

Product Dimensions:

System	Overall Size	Top Sash Size	Bottom Sash Size
1	91.00" x 79.97"	Two: 42.22" x 38.19"	Two: 42.22" x 40.19"
2	91.00" x 79.97"	Two: 42.22" x 38.19"	Two: 42.22" x 40.19"

Product Identification (Certification Agency Label on Window):

System	Certification Agency Label on Window	
1, 2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Kolbe & Kolbe Millwork Co., Inc.
	Product Name	Ultra Pocket Double Hung, Muller
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation:

System 1: The window assembly shall be fastened to minimum Southern Yellow Pine lumber. The window assembly is secured to the wall framing using the window frame with minimum No. 10 screws. Along the head, the fasteners are spaced approximately 9.5 inches from each corner and 25 inches on center. Along each side jamb, the fasteners are located 5 inches, 21 inches, 35.5 inches, and 40 inches up from the sill. A jamb jack No. 10 x 2" torx screw is required on each side jamb, 35.5 inches up from the sill. Two Gemini installation clips are attached at each end of the mullion. (A Gemini clip is two installation clips installed reversed.) The Gemini clips are attached to the mullions using two (2) No. 8 x 2 1/4" screws and one (1) No 8 x 3/4" screw that go through the clip into the mullion. These clips are attached to the wall framing with two (2) No. 8 screws. The fasteners shall be long enough to penetrate a minimum of 1 1/2 inches into the wall framing.

System 2: The window assembly shall be fastened to minimum Southern Yellow Pine lumber. The window assembly is secured to the wall framing using the window frame with minimum No. 10 x 3" screws. Along the head, the fasteners are spaced approximately 9.5 inches from each corner and 25 inches on center. Along each side jamb, the fasteners are located 6 inches, 20.5 inches, and 35.5 inches up from the sill. A jamb jack No. 10 x 2" torx screw is required on each side jamb, 35.5 inches up from the sill. Along the sill, minimum No. 10 x 4" screws are required, spaced approximately 9.5 inches from each corner and 25 inches on center. The nailing flange is secured to the wall framing with minimum 12 gauge smooth shank roofing nails spaced 7 inches on center along the perimeter of the window. The fasteners shall be long enough to penetrate a minimum of 1 1/2 inches into the wall framing.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.