TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION Effective August 1, 2010
DR-157

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 shall be subject to reevaluation September 2012.

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.

Heritage Manor Wood Outswing Door Sidelites, Non-impact Resistant, manufactured by

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

will be acceptable in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

PRODUCT DESCRIPTION

The wood outswing door sidelites evaluated in this report are non-impact resistant. This product evaluation report is for wood outswing door sidelite assemblies based on the following tested constructions:

General Description:

System	Description	Label Rating	Hallmark Certification
1	Heritage Manor Outswing Door Sidelite; Standard Performance	SLT-C65 27 x 99	413-H-1017.00 413-H-1017.01

Component Dimensions:

System	Overall Size	Door Panel Size	Glass Size
1	27" x 98 19/32"	24 5/8" x 96"	20 3/8" x 86 13/16"

Glazing Description:

System	Glass Construction [1]	Glazing Method [2]
1	SG-1	GM-1

Note: [1] See the "Glass Construction Key" for the glass construction.
[2] See the "Glazing Method Key" for the glazing method description.

Glass Construction Key:
SG-1: Single glazed with a double strength ($\frac{1}{8}$ ") fully tempered glass lite.

Glazing Method Key:
GM-1: The glass is set from the interior onto a bed of silicone sealant. Along the interior, mitered wood glazing stops are secured with brads spaced 2 inches from each corner and 8 inches on center. A supplemental siliconized latex seal is applied to surface No. 2 of the glass at the interior wood glazing stops.

Door Frame Construction: The frame members consist of molded pine. The frame corners are rabbetted, butted, sealed, and secured with screws. **Sill:** A two-piece 6063-T5 extruded aluminum sill assembly is press-fit and sealed with silicone onto the wood sill member. The interior oak thresholds are secured through the frame sill and into the wood test buck with screws. **Brickmould:** The brickmould is secured to the side jambs and head with T-nails spaced 10 inches on center. The brickmould is mitered and secured with screws at the corners. The sill nosing is secured to the brickmould with screws.

Panel Construction: The panel members consist of LVL stiles and block rails. The panel corners are butted, doweled, and glued. The panel is fastened to the frame head, sill, and side jambs with screws.

Product Identification: A certification program label (WDMA Hallmark Certified) will be affixed to the assembly. The certification program label includes the manufacturer's name, performance characteristics, the approved inspection agency (WDMA), and the applicable standard: AAMA/WDMA/CSA 101/I.S.2/A440-05. **Higher Negative Design Pressure:** The WDMA Hallmark Certified label indicates the product was tested to a higher negative design pressure. The higher negative design pressure is indicated in the limitations section of this report.

LIMITATIONS

Design pressures (DP):

System	Overall Width (in.)	Overall Height (in.)	Design Pressure (psf)
1	27	$98\frac{19}{32}$	+65/-85

Impact Resistance: These door assemblies do not satisfy the Texas Department of Insurance's criteria for protection from windborne debris. These door assemblies will need to be protected with an impact protective system.

Higher Negative Design Pressure: The WDMA Hallmark Certified label indicates the product was tested to a higher negative design pressure. The higher negative design pressure is indicated in the limitations section of this report.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified above are acceptable within the limitations specified in this report.

INSTALLATION INSTRUCTIONS

General: The door assembly shall be prepared and installed in accordance with the manufacturers recommended installation instructions. Detailed installation drawings are available from the manufacturer.

Installation:

Option 1 (Installation Clips and Screws): The assembly shall be fastened to minimum Southern Yellow Pine dimension lumber. The assembly is secured to the wall framing using Kolbe & Kolbe metal installation clips and screws. The installation clips (1 5/8" x 6 5/16" x 0.04") are secured to the frame side jambs and head. The clips are secured to the window frame with two (2) No. 8 x 3/4" screws. The clips are secured to the wall framing with one (1) No. 8 x 1 3/4" screw. The sill is secured to the wall framing with minimum No. 10 x 3" screws. The fasteners shall be long enough to penetrate a minimum of 1 1/2 inches into the wall framing. The spacing of the clips is specified in the table below.

Installation Clip and Screw Spacing:

System	Distance From Each Corner	Head (on center spacing)	Sill (on center spacing)	Side Jambs (on center spacing)
1	Head: 13 1/2" Side Jambs: 14 1/16" Sill: 4"	13 1/2"	13 1/2"	19 28/32"

Option 2 (Screws): The window assembly shall be fastened to minimum Southern Yellow Pine dimension lumber. The window assembly is secured to the wall framing using minimum No. 10 x 2 1/2" screws at the head and side jambs and with minimum No. 10 x 3" screws at the sill. The fasteners shall be long enough to penetrate a minimum of 1 1/2 inches into the wall framing. The spacing of the fasteners is specified in the table below.

Screw Spacing:

System	Distance From Each Corner	Head (on center spacing)	Sill (on center spacing)	Side Jambs (on center spacing)
1	Head: 13 1/2" Side Jambs: 14 5/64" Sill: 4"	13 1/2"	13 1/2"	14 5/64"

Brickmould: The brickmould shall be secured to the wall framing with minimum 2" long T-nails spaced approximately 24 inches on center along all four sides.

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.