

## Product Evaluation

DR1109 | 0920

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-1109

**Effective Date:** September 1, 2020

**Re-evaluation Date:** September 2023

**Product Name:** Heritage Wood Gardenaire Sidelite, 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
1	Heritage Gardenaire Sidelite; Wide Stiles	CW-PG65 (50.50 x 98.44)-FD Missile Level D	+65 / -70 psf

### Product Dimensions:

System	Overall Size	Fixed Panel Size
1	50-1/2" x 98-7/16"	48-1/4" x 95-11/16"

**Product Identification (Certification Label on Door):**

System		
1	Certification agency	WDMA
	Manufacturer's name or code name	Kolbe & Kolbe Millwork Co., Inc.
	Product name	Heritage Gardenaire Sidelite
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,11 ASTM E1886-05/E1996-12; 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:**

**Option #1:** The wood wall framing members must be minimum Southern Yellow Pine dimension lumber. The door assembly is secured to the wall framing using Kolbe & Kolbe installation clips (20-gauge galvanized steel, 10-1/16" long, and 1-5/8" wide). Along the side jambs, locate the clips approximately 12-5/16" from each corner and on center. Along the head, locate the clips approximately 16-13/16" from each corner and on center. Secure the clips to the window frame using two No. 8 PFH screws and to the wall framing using one No. 8 x 1-3/4" screw. The sill was secured to the wall framing with five No. 8 x 2-1/4" PFH screws spaced 5" from each corner and 10" on center. The brickmould of the window assembly is secured to the wall framing with minimum 2-1/2" long T-nails spaced approximately 24" from each corner and on center along the perimeter of the window. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

**Option #2:** The wood wall framing members must be minimum Southern Yellow Pine dimension lumber. The door assembly is secured to the wall framing using No. 10 x 2-1/2" screws located approximately 9" from each corner and on center along the side jambs, and 12-5/8" from each corner and on center along the head. The sill was secured to the wall framing with five No. 8 x 2-1/4" PFH screws spaced 5" from each corner and 10" on center. The brickmould of the window assembly is secured to the wall framing with minimum 2-1/2" long T-nails spaced approximately 24" from each corner and on center along the perimeter of the window. Fasteners must be long 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.