

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION WIN-995

Effective November 1, 2008
Revised April 1, 2011

*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 **November 2014**.*

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.

Prime Wood Outswing Stationary Doors, Non-impact Resistant, manufactured by

Lincoln Wood Products, Inc.
1400 W. Taylor Street
Merrill, Wisconsin 54452
(715) 536-2461

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 prime wood outswing stationary doors evaluated in this report are non-impact resistant. This product evaluation report is for prime outswing stationary doors based on the following tested construction:

General Description:

System	Description	Label Rating
1	Prime Wood Outswing Stationary Door; Fixed Door; (O)	FD-LC50 38 x 108

Component Dimensions:

System	Overall Size	Panel Sizes	Daylight Opening Sizes
1	37 $\frac{3}{8}$ " x 107 $\frac{1}{2}$ "	35 $\frac{7}{8}$ " x 105 $\frac{1}{4}$ "	26 $\frac{1}{8}$ " x 93 $\frac{1}{4}$ "

Glazing Description:

System	Glass Construction ¹	Glazing Method ²
1	IG-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:

IG-1: Sealed insulating glass units. The sealed insulating glass units are comprised of two $\frac{5}{32}$ " fully tempered glass lites separated by an aluminum spacer system. The glass thickness in the insulating glass unit of the tested assembly and in smaller assemblies shall comply with ASTM E 1300-04.

Glazing Method Key:

GM-1: The insulated glass units are set from the interior onto a bed of silicone sealant. Wood glazing stops secure the insulating glass unit from the interior. The wood stops are secured to the frame with brads spaced approximately 7 inches on center.

Frame Construction: The frame members at the head and jambs consist of finger-jointed pine. The upper frame corners are rabbet joint construction and secured with screws. The lower frame corners are rabbet joint construction, sealed with silicone, and secured to the aluminum sill with screws. **Sill:** The sill is a three part assembly. The wood sill member utilizes an extruded aluminum sill which is snap-fit and secured with staples. A wood threshold is applied to the interior profile, sealed with silicone, and secured with screws. The sill is assembled by Lincoln. A vinyl stationary filler is silicone sealed to the aluminum sill on the inactive panel. A cellular PVC brickmould is applied to the frame at the head and side jambs. The brickmould corners at the head are mitered and secured together with screws. The brickmould is secured to the frame with $2\frac{1}{2}$ " nails spaced 8 inches on center

Panel Construction: The panel top rail is molded pine. The panel stiles and bottom rail are laminated veneer lumber with a veneer wrap. The panel corners are butt joint construction with dowels that are glued into place. The panel is secured to the frame with screws.

Hardware: None.

Product Identification: A certification program label (AAMA) will be affixed to the assembly. The certification program label includes the manufacturer's code name (**LN-1**); product name: **Prime OS Stationary Door**; performance characteristics; approved inspection agency (AAMA); and the applicable standard: AAMA/WDMA/CSA 101/I.S.2/A440-05

LIMITATIONS

Design pressures (DP):

System	Overall Width (in.)	Overall Height (in.)	Design Pressure (psf)
1	$37\frac{3}{8}$	$107\frac{1}{2}$	± 50

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 when installed in areas where windborne debris protection is required.

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 instructions and drawings are available from the manufacturer.

Installation: The door assembly shall be fastened to minimum Southern Yellow Pine lumber. The door assembly is secured to the wall framing using the cellular PVC brickmould with minimum No. 6 x 3" screws. Along the head and side jambs, the fasteners shall be spaced approximately 6 inches from each corner and approximately 12 inches on center. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing. The sill is secured to the structure with silicone sealant.

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.