

# TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104  
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## PRODUCT EVALUATION

WIN-702

Effective Date: November 1, 2013

Reevaluation Date: **December 2016**

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.

**Designer Series Aluminum Clad Wood Glazed Inswing Hinged Doors - Fixed, Non-impact Resistant**, manufactured by

**Pella Corporation**  
102 Main Street  
Pella, Iowa 50219  
Telephone: (641) 621-1000

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Designer Series Aluminum Clad Wood Glazed Inswing Hinged Door - Fixed	LC-PG55 38 x 95.5-Type FD	+55/-55 psf

### Product Dimensions:

System	Overall Size	Panel Size	Glass Daylight Opening Size
1	37.88" x 95.50"	35.63" x 92.56"	28.82" x 79.26"

### Product Identification (Certification Agency Label on Window):

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	In-swing French Door; Fixed
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; AAMA/WDMA/CSA 101/I.S.2/A440-11;

### Impact Resistance:

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

### Installation:

**Fin Installation:** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The assembly is secured to the wall framing using the aluminum nailing fin with minimum 11 gauge smooth shank roofing nails. Along the head and side jambs, the fasteners are spaced approximately 5 to 7 inches on center through pre-punched holes. All fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

**Screw Installation:** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The assembly is secured to the wall framing using the door frame with minimum No. 8 x 3" screws. Along the head, the fasteners are located approximately 6 inches from each. Along the side jambs, the fasteners are spaced approximately 6 inches from each corner and approximately 16.7 inches on center. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

**Clip Installation:** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The assembly is secured to the wall framing at the frame head and side jambs with 2" x 6" x 0.052" galvanized steel installation clips. The clips are secured to the door frame with two (2) No. 6 x ¾" screws and to the wall framing with two (2) No. 6 screws. Along the head, the clips are spaced approximately 6 inches from each corner. Along the side jambs, the fasteners are spaced approximately 6 inches from each corner and approximately 16.7 inches on center. The fasteners shall be long enough to penetrate a minimum of 1 ½ 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.