

# 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

DR-547

Effective Date: August 2012  
Reevaluation Date: **October 2014**

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.

**Architect Series Wood Outswing Fixed Door, 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	Architect Series Wood Outswing Fixed Door	F-R70 38 x 120 FD-LC70 38 x 120	+70/-85 psf
2	Architect Series Wood Outswing Fixed Door	F-R70 38 x 120 FD-LC70 38 x 120	+70/-85 psf
3	Architect Series Wood Outswing Fixed Door	F-R70 48 x 120 FD-LC70 48 x 120	± 70 psf
4	Architect Series Wood Outswing Fixed Door	F-R60 48 x 120 FD-LC60 48 x 120	± 60 psf

### Product Dimensions:

System	Overall Size	Fixed Panel Size	Daylight Opening Size
1	37.875" x 119.50"	35.441" x 117.125"	32.25" x 98.00"
2	37.875" x 119.50"	35.441" x 117.125"	32.25" x 98.00"
3	48.00" x 119.50"	45.566" x 117.125"	42.375" x 98.00"
4	48.00" x 119.50"	45.566" x 117.125"	42.375" x 98.00"

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

System	Certification Agency	WDMA
1-4	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	Out-swing French Door Fixed
	Test Standards	ANSI/AAMA/NWWDA 101/I.S.2-97; AAMA/WDMA/CSA 101/I.S.2/A440-05

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**Impact Resistance:**

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

**Installation:**

**Systems 1 and 4 (Screw Installation):** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The door is secured to the wall framing at the frame head and side jambs with minimum No. 10 x 3 ½" screws. Along the head, the fasteners are spaced approximately 6 inches from each corner. Along the side jambs, the fasteners are spaced approximately 6 inches from each corner and approximately 17 7/8 inches on center. The sill is secured to the floor framing with No. 8 x 3" screws located approximately 6 inches from each corner. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

**System 2 (Clip Installation):** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The door 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 17 7/8 inches on center. The sill is secured to the floor framing with No. 10 x 3" screws located approximately 6 inches from each corner. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

**System 3 (Brickmould Installation):** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The door is secured to the wall framing using a brickmould at the head and side jambs with minimum 16d (0.120" x 3 ½") nails. Along the head, the fasteners are spaced approximately 6 inches from each corner. Along the side jambs, the fasteners are spaced approximately 6 inches from each corner and approximately 17 7/8 inches on center. The sill is secured to the floor framing with No. 8 x 3" screws located approximately 6 inches from each corner. 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) and the International Building Code (IBC) and the Texas Revisions.