

## Product Evaluation

DR548 | 0222

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-548

**Effective Date:** February 1, 2022

**Re-evaluation Date:** February 2026

**Product Name:** Pella/Architect Series Wood Inswing Hinged Doors, Non-Impact and Impact Resistant

**Manufacturer:** Pella Corporation  
102 Main St.  
Pella, IA 50219  
(641) 621-1000

### General Description: Non-Impact Resistant

System	Description	Label Rating	Design Pressure Rating
1	Pella/Architect Series Wood Inswing Hinged Doors; XX	LC-PG40 (75 x 119.5)-SHD	+40 / -40 psf
2	Pella/Architect Series Wood Inswing Hinged Doors; XX	LC-PG55 (75 x 95.5)-SHD	+55 / -55 psf
3	Pella/Architect Series Wood Fixed Door; O	LC-PG55 (37.875 x 119.5)-FD	+55 / -70 psf

**General Description: Impact Resistant**

System	Description	Label Rating	Design Pressure Rating
4	Pella/Architect Series Wood Inswing Hinged Doors; XX	LC-PG55 (75 x 95.5)-SHD Missile Level D	+55 / -55 psf
5	Pella/Architect Series Wood Inswing Hinged Doors; XX	LC-PG40 (75 x 119.5)-SHD Missile Level D	+40 / -40 psf
6	Pella/Architect Series Wood Fixed Door; O	LC-PG55 (37.875 x 119.5)-FD Missile Level D	+55 / -70 psf

**Product Dimensions:**

System	Overall Size	Operable Panel Size	Panel Daylight Opening Size
1, 5	75" x 119-1/2"	35-5/8" x 116-9/16"	26-1/4" x 107-5/16"
2, 4	75" x 95-1/2"	35-5/8" x 92-9/16"	26-1/4" x 83-5/16"
3, 6	37-7/8" x 119-1/2"	N/A	26-1/4" x 107-5/16"

**Components and Hardware:**

System	Component	Quantity	Attachment Method
1, 5	Hinges	8	Install hardware in accordance with drawing No. 1722T and 1723T, dated June 8, 2021. Signed and sealed by Warren W. Schaefer, P.E. on June 8, 2021.
	5-point lock system (includes sensor) with handle, located on active panel	1	
	2-point lock system with handle, located on inactive panel	1	
	Flipper strike plates, located on inactive panel	2	
	Lock strikes, one at the head, one at the sill	2	
2, 4	Hinges	6	Install hardware in accordance with drawing No. 1722T and 1723T, dated June 8, 2021. Signed and sealed by Warren W. Schaefer, P.E. on June 8, 2021.
	3-point lock system (includes sensor) with handle, located on active panel	1	
	2-point lock system with handle, located on inactive panel	1	
	Strike plate located on inactive panel	1	
	Lock strikes, one at the head, one at the sill	2	

**NOTE:** No hardware required for Systems 3 and 6.

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

System		
1-3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	Pella/Architect-In-Swing French Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
4-6	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	Pella/Architect-In-Swing French Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-13a/E1996-17 Missile Level D

**Impact Resistance:**

System	Impact Resistant	Requirement
1-3	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.
4-6	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:**

System		
1-3	Type of Installation	Install in accordance with drawing No. 1722T, dated June 8, 2021. Signed and sealed by Warren W. Schaefer, P.E. on June 8, 2021.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
4-6	Type of Installation	Install in accordance with drawing No. 1723T, dated June 8, 2021. Signed and sealed by Warren W. Schaefer, P.E. on June 8, 2021.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

**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.