



Product Evaluation

DR755 | 0516

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-755 **Effective Date:** May 1, 2016
Re-evaluation Date: May 2020

Product Name: Proline 450 Series Aluminum Clad Wood Glazed Inswing Side Hinged Doors, Non-Impact Resistant

Manufacturer: Pella Corporation
102 Main Street
Pella, IA 50219
(641) 621-1000

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Inswing Active/Inactive	LC-PG50 75 x 95.5	+50 / -50 psf
2	Inswing Single	LC-PG50 75 x 95.5	+50 / -50 psf
3	Inswing Active/Fixed	LC-PG50 75 x 95.5	+50 / -50 psf
4	Inswing Fixed	LC-PG50 75 x 95.5	+50 / -50 psf

Component Dimensions:

System	Overall Size	Panel Size	Panel Glass Daylight Opening Size
1	75" x 95-1/2"	35-5/8" x 92-9/16"	27-3/16" x 84-5/16"
2	37-7/8" x 95-1/2"	35-5/8" x 92-9/16"	27-3/16" x 84-5/16"
3	75" x 95-1/2"	35-5/8" x 92-9/16"	27-3/16" x 84-5/16"
4	37-7/8" x 95-1/2"	35-5/8" x 92-9/16"	27-3/16" x 84-5/16"

Hardware:

- **3-point Lock:** Amesbury Truth; Engages at the head, sill, and the astragal/jamb; Located on the active panel.
- **Strike Plates (3-point lock):** One required at head and one at sill. Secure installation screws. One required on the astragal/jamb. Secured with three No. 8 x 3/4" screws.
- **Stainless Steel Lock Bolts:** Located on the inactive panel. Two required (one at the head, one at the sill). Engage into the head and sill strike plates.
- **Hinges:** Three on each door panel. Secure each to the door panel with two, No. 8 x 2" screws and one, No. 10 x 2" screw. Secure each to the door jamb with two, No. 8 x 3/4" screws and two installation screws.

Product Identification (Certification Agency Label on Door):

System		
1, 2, 3, 4	Certification Agency	WDMA 411-H-1474
	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	Proline 450 Series In-swing Contemporary Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1, 2, 3, 4	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1, 2, 3, 4	Type of Installation	Install the assembly in accordance with Drawing No. 1239T, titled "Proline Series Non-Impact Clad In-Swing Door," sheets 1 through 7 of 7, dated March 12, 2015. Drawing is signed, sealed and dated March 12, 2015 by Warren W. Schaefer, P.E.
	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, the IBC, and the Texas Revisions.