

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION
 DR-235

Effective Date: August 1, 2014
 Reevaluation Date: **September 2017**

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.

Impervia Fiberglass Sliding Patio Doors, 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	Impervia Sliding Patio Doors	LC-PG45 72x82-Type SD	± 45 psf
2	Impervia Sliding Patio Doors	LC-PG50 72x82-Type SD	± 50 psf
3	Impervia Sliding Patio Doors	LC-PG30 96x96-Type SD	± 30 psf
4	Impervia Sliding Patio Doors	LC-PG35 96x96-Type SD	± 35 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Size
1	71.50" x 81.50"	35.00" x 79.31"	35.00" x 79.31"
2	71.50" x 81.50"	35.00" x 79.31"	35.00" x 79.31"
3	95.50" x 95.50"	47.00" x 93.31"	47.00" x 93.31"
4	95.50" x 95.50"	47.00" x 93.31"	47.00" x 93.31"

Product Identification (Certification Agency Label on Door):

System	Certification Agency	WDMA
1, 2, 3, 4	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	Impervia - Patio Door
	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: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The door shall be secured to the wall framing utilizing the slide-in vinyl nailing fin with minimum 2" long 11 gauge smooth shank roofing nails. The fasteners shall be located approximately 5 to 7 inches from each corner and approximately 5 to 7 inches on center along the perimeter of the door. Two minimum No. 10 x 2.5" screws are located through each roller retainer at the sill into the wall framing. 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.