



Product Evaluation

WIN1594 | 1115

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: WIN-1594

Effective Date: November 1, 2015

Re-evaluation Date: January 2017

Product Name: Impervia Fiberglass Fixed Frame Direct Set Windows, 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	Impervia Fixed Frame Direct Set Windows; (O)	FW-CW50 84 x 84 – FW	±50 psf
2	Impervia Fixed Frame Direct Set Windows; (O)	FW-CW50 60 x 120 – FW	±50 psf
3	Impervia Fixed Frame Direct Set Windows; (O)	FW-CW50 90 x 78 – FW	±50 psf
4	Impervia Fixed Frame Direct Set Windows; (O)	FW-CW50 102 x 72 – FW	±50 psf
5	Impervia Fixed Frame Direct Set Windows; (O)	FW-CW50 66 x 108 – FW	±50 psf

Product Dimensions:

System	Overall Size	Fixed Sash Daylight Opening Size
1	83-1/2" x 83-1/2"	80-3/4" x 80-3/4"
2	59-1/2" x 119-1/2"	56-3/4" x 116-3/4"
3	89-1/2" x 77-1/2"	86-3/4" x 74-3/4"
4	101-1/2" x 71-1/2"	98-3/4" x 68-3/4"
5	65-1/2" x 107-1/2"	62-3/4" x 104-3/4"

Product Identification (Certification Label on Window):

System		
1-5	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Pella Corporation - 411
	Product Name	Impervia Fixed Frame
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

System	Impact Resistant	Requirement
1-5	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1-5	Type of Installation	New Construction – Nail Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Refer to Pella drawing no. 1656T "Impervia Non-Impact Fixed Frame Window" dated July 8, 2014 and signed and sealed by Mr. Warren W. Schaeffer P.E. on August 4, 2014
	Fastener Location/Spacing	
	Fastener Penetration	
1-5	Type of Installation	Replacement Construction – Block Install
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Refer to Pella drawing no. 1656T "Impervia Non-Impact Fixed Frame Window" dated July 8, 2014 and signed and sealed by Mr. Warren W. Schaeffer P.E. on August 4, 2014
	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.