



Product Evaluation

WIN1596 | 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-1596

Effective Date: November 1, 2015

Re-evaluation Date: February 2017

Product Name: Impervia Fiberglass Large Vent Awning 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 Large Vent Awning Windows; (X)	AP-LC30 60 x 60-Type AP	±30 psf
2	Impervia Large Vent Awning Windows; (X)	AP-LC50 42 x 60-Type AP	±50 psf
3	Impervia Large Vent Awning Windows; (X)	AP-LC50 42 x 42-Type AP	±50 psf
4	Impervia Large Vent Awning Windows; (X)	AP-LC30 60 x 42	±30 psf
5	Impervia Large Vent Awning Windows; (X)	AP-LC50 42 x 60-Type AP	±50 psf
6	Impervia Large Vent Awning Windows; (X)	AP-LC30 60 x 60-Type AP	±30 psf

Product Dimensions:

System	Overall Size	Operable Sash Size
1	59-1/2" x 59-1/2"	56-15/16" x 56-15/16"
2	41-1/2" x 59-1/2"	38-15/16" x 38-15/16"
3	41-1/2" x 41-1/2"	38-15/16" x 38-15/16"
4	59-1/2" x 41-1/2"	56-15/16" x 38-15/16"
5	41-1/2" x 59-1/2"	38-15/16" x 56-15/16"
6	59-15/16" x 59-15/16"	56-15/16" x 56-15/16"

Product Identification (Certification Label on Window):

System		
1-6	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Pella Corporation - 411
	Product Name	Impervia Large Vent Awning
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

Impact Resistance:

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

Installation:

System		
1-4	Type of Installation	New Construction - Nailing Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Refer to "Impervia Non-Impact Awning Window" drawing 1676 dated August 14, 2013, signed and sealed by Warren W. Schaeffer P.E.
	Fastener Location/Spacing	
	Fastener Penetration	
5-6	Type of Installation	Replacement Construction – Block Installation
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Refer to "Impervia Non-Impact Awning Window" drawing 1676 dated August 14, 2013, signed and sealed by Warren W. Schaeffer P.E.
	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.