



# Product Evaluation

WIN1318 | 1214

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-1318

**Effective Date:** December 1, 2014

**Re-evaluation Date:** August 2017

**Product Name:** Series 70/270 Vinyl Picture Windows, New and Replacement Construction, Impact Resistant

**Manufacturer:** Atrium Windows & Doors  
9001 Ambassador Row  
Dallas, TX 75247  
(214) 637-2696

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 70/270 Vinyl Picture Windows; O	FW-LC60 72 x 72 Missile Level D	+60 / -60 psf

### Product Dimensions:

System	Overall Size	Glass Daylight Opening Size
1	72" x 72"	66-3/4" x 66-3/4"

### Product Identification (Certification Agency Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	ADW-1
	Product Name	70/270 Impact PW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; AAMA 506-06; Missile Level D

**Impact Resistance:**

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed design pressure rating for the assemblies.

**Installation:**

System		
1	Type of Installation	New Construction – Nailing Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No. 8 Screws
	Fastener Location/Spacing	Approximately 2" from each corner and 8" on center along the perimeter of the window
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members
1	Type of Installation	Replacement Construction – Frame
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No. 10 x 2-1/2" Screws
	Fastener Location/Spacing	Approximately 6" from each corner and 20" on center along the perimeter of the window
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members

**Note:** The manufacturer's installation instructions must be available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, IBC, and the Texas Revisions.