



Product Evaluation

WIN81 | 0716

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-81

Effective Date: July 1, 2016

Re-evaluation Date: January 2019

Product Name: Series 375/95 Aluminum Single Hung Windows, Fin Installation, Non-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 375/95 Aluminum Single Hung Windows; O/X	R-PG35 48 x 84-H H-R35 48 x 84	+35 / -35 psf
2	Series 375/95 Aluminum Single Hung Windows; O/X	R-PG50 48 x 72-H H-R50 48 x 72	+50 / -50 psf
3	Series 375/95 Aluminum Single Hung Windows; Continuous Head and Sill; Triple; O/X.O/X.O/X	R-PG35 108 x 77-H H-R35 108 x 77	+35 / -35 psf
4	Series 375/95 Aluminum Single Hung Windows; Continuous Head and Sill; Twin; O/X.O/X	R-PG50 88 x 72-H H-R50 88 x 72	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operating Sash Size	Fixed Sash Daylight Opening Size
1	48" x 84"	46-7/16" x 33-7/8"	44-1/4" x 30-7/8"
2	48" x 72"	46-3/8" x 36-1/4"	45-1/8" x 33-5/16"
3	108" x 77"	34-3/8" x 36-3/8"	33" x 38-3/8"
4	88" x 72"	42-7/16" x 36-7/16"	41" x 33-7/16"

Product Identification (Certification Agency Label on Window):

System		
1, 2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Atrium Companies
	Product Name	375/95 Aluminum Single Hung Tilt Window w/Fin Installation
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; AAMA/WDMA/CSA 101/I.S.2/A440-05
3, 4	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Atrium Companies
	Product Name	375/95 Aluminum CHS Twin Single Hung Tilt Window w/Fin Installation
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; AAMA/WDMA/CSA 101/I.S.2/A440-05

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	Type of Installation	Nail Fin
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 8 pan head screws
	Fastener Location/Spacing	Approximately 2" from each corner and 12" on center along the perimeter of the window
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members.
3, 4	Type of Installation	Nail Fin
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum 11-gauge smooth shank roofing nails
	Fastener Location/Spacing	Approximately 2" from each corner and 12" on center along the perimeter of the window
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members.

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