TDI | Texas Department of Insurance

PO Box 12030 | Austin, TX 78711 | 800-578-4677 | tdi.texas.gov

Product Evaluation

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-1966

Effective Date: March 1, 2022
Re-evaluation Date: February 2026

Product Name: Series 120/130 Vinyl Fixed Windows, Fin and Frame Installation, Non-Impact Resistant

Manufacturer: Atrium Windows & Doors
300 Welcome Center Blvd.
Welcome, NC 27374
(800) 542-9118 ext. 413596

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 120/130 Vinyl Fixed Windows; O	LC-PG50 (96 x 60)-FW FW-LC50 (96 x 60)	+50 / -50 psf
2	Series 120/130 Vinyl Triple Fixed Windows; OOO	LC-PG50 (108 x 72)-FW FW-LC50 (108 x 72)	+50 / -50 psf
3	Series 120/130 Vinyl Triple Fixed Windows; OOO	LC-PG40 (108 x 84)-FW FW-LC40 (108 x 84)	+40 / -40 psf
4	Series 120/130 Vinyl Twin Fixed Windows; OO	LC-PG50 (96 x 72)-FW FW-LC50 (96 x 72)	+50 / -50 psf
5	Series 120/130 Vinyl Twin Fixed Windows; OO	LC-PG40 (96 x 84)-FW FW-LC50 (96 x 84)	+40 / -40 psf

General Description:

System	Description	Label Rating	Design Pressure Rating
6	Series 120/130 Vinyl Fixed Windows; O	LC-PG50 (72 x 72)-FW FW-LC50 (72 x 72)	+50 / -50 psf
7	Series 120/130 Vinyl Fixed Windows; O	LC-PG50 (48 x 84)-FW FW-LC50 (48 x 84)	+50 / -50 psf

Product Dimensions:

System	Overall Size	Fixed Sash Daylight Opening Size
1	96" x 60"	91-1/8" x 55-1/4"
2	108" x 72"	30-15/16" x 67-5/16" (3)
3	108" x 84"	30-13/16" x 79-3/16" (3)
4	96" x 72"	43" x 67-1/4" (2)
5	96" x 84"	43" x 79-1/4" (2)
6	72" x 72"	67-1/8" x 67-1/8"
7	48" x 84"	43-1/4" x 79-3/16"

Product Identification (Certification Label on Window):

System		
1-3	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Atrium Companies
	Product Name	130 Vinyl Fixed Window w/ Fin Installation
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05,08
4-5	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Atrium Companies
	Product Name	130 Vinyl Twin Fixed Window w/ Fin Installation
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05,08
6-7	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Atrium Companies
	Product Name	130 Vinyl Fixed Window w/ Fin & Finless Installation
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05,08

Impact Resistance:

System	Impact Resistant	Requirement
1-7	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1-7	Type of Installation	Nail Fin Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8 screws
	Fastener Location/Spacing	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
6-7	Type of Installation	Frame Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8 screws
	Fastener Location/Spacing	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

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