

Product Evaluation

WIN1965 | 0322

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-1965

Effective Date: March 1, 2022

Re-evaluation Date: March 2025

Product Name: Series 120/130 Vinyl Horizontal Sliding 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 Horizontal Sliding Windows; XO | LC-PG50 (74 x 50)- HS | +50 / -50 psf |
| 2 | Series 120/130 Vinyl Horizontal Sliding Windows; XO | LC-PG35 (74 x 63)- HS | +35 / -35 psf |
| 3 | Series 120/130 Vinyl Horizontal Sliding Windows; XOX | LC-PG50 108 x 50 - HS | +50 / -50 psf |
| 4 | Series 120/130 Vinyl Horizontal Sliding Windows; XOX | LC-PG30 (108 x 72) - HS | +30 / -30 psf |

Product Dimensions:

| System | Overall Size | Operable Sash Size | Fixed Sash Daylight Opening Size |
|--------|--------------|----------------------|----------------------------------|
| 1 | 74" x 50" | 33-1/4" x 44-7/8" | 33-1/4" x 45" |
| 2 | 74" x 63" | 33-3/16" x 58" | 33-3/8" x 57-7/8" |
| 3 | 108" x 50" | 32-11/16" x 45-1/16" | 32-1/2" x 45" |
| 4 | 108" x 72" | 23-1/4" x 66-7/8" | 52-3/16" x 66-15/16" |

Product Identification (Certification Label on Window):

| System | | |
|--------|----------------------------------|--|
| 1-3 | Certification Agency | NAMI |
| | Manufacturer's Name or Code Name | Atrium Companies |
| | Product Name | 130 Vinyl Horizontal Sliding Window w/ Fin & Finless Installation |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-08 |
| 4 | Certification Agency | NAMI |
| | Manufacturer's Name or Code Name | Atrium Companies |
| | Product Name | 130 Vinyl Horizontal Sliding Window w/ Fin Installation |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-08 |

Impact Resistance:

| System | Impact Resistant | Requirement |
|--------|------------------|--|
| 1-4 | No | Provide an impact protective system when installing the product in areas that require windborne debris protection. |

Installation:

| System | | |
|--------|---------------------------|--|
| 1-3 | Type of Installation | Fin Installation |
| | Wall Framing | Spruce-Pine-Fir dimension lumber |
| | Fasteners | Minimum No. 8 pan head screws |
| | Fastener Location/Spacing | 2" from each corner and 8" on center along the perimeter |
| | Fastener Penetration | Minimum 1-1/2" into the wall framing |
| 1-3 | Type of Installation | Frame Installation |
| | Wall Framing | Spruce-Pine-Fir dimension lumber |
| | Fasteners | Minimum No. 10 x 2-1/2" pan head screws |
| | Fastener Location/Spacing | 6" from each corner and 20" on center along the perimeter |
| | Fastener Penetration | Minimum 1-1/2" into the wall framing |

Installation:

| System | | |
|--------|---------------------------|---|
| 4 | Type of Installation | Fin Installation |
| | Wall Framing | Spruce-Pine-Fir dimension lumber |
| | Fasteners | Minimum No. 8 pan head screws |
| | Fastener Location/Spacing | 2" from each corner and 12" on center along the perimeter |
| | Fastener Penetration | Minimum 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.