

## Product Evaluation

WIN1050 | 1220

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-1050

**Effective Date:** December 1, 2020

**Re-evaluation Date:** October 2023

**Product Name:** Series 705/755 Vinyl Awning Windows, Fin and Frame Installation, Non-Impact Resistant

**Manufacturer:** Atrium Windows & Doors  
300 Welcome Center Blvd.  
Lexington, NC 27295  
(800) 542-9118 ext. 413596

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 705/755 Vinyl Triple Awning Windows; XXX	LC-PG35 (108 x 36)-AP	+35 / - 35 psf
2	Series 705/755 Vinyl Awning Windows; X	LC-PG35 (52 x 36)-AP	+35 / -35 psf
3	Series 705/755 Vinyl Twin Awning Windows; XX	LC-PG35 (96 x 36)-AP	+35 / -35 psf

**Product Dimensions:**

System	Overall Size	Operable Sash Size
1	108" x 36"	34-13/16" x 34-1/4" (3)
2	52" x 36"	50-3/16" x 34-1/2"
3	96" x 36"	46-3/4" x 34-1/8" (2)

**Product Identification (Certification Label on Window):**

System		
1-3	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Atrium Companies
	Product Name	705/755 Vinyl Awning Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,11

**Impact Resistance:**

System	Impact Resistant	Requirement
1-3	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation (One of the Following):**

System		
1-3	Type of Installation	Nailing Fin
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8 x 1-3/4" PH screws
	Fastener Location/Spacing	2" from each corner and 8" on center
	Fastener Penetration	Minimum of 1-1/2" into the wall framing
1-3	Type of Installation	Screw Through Frame
	Wall Framing	Spruce-Pine-Fir lumber
	Fasteners	No. 10 x 2-1/2" PH screws
	Fastener Location/Spacing	5" from each corner and at the midpoint of each individual 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.