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-2631

Effective Date: May 1, 2023
Re-evaluation Date: May 2027

Product Name: Auraline Composite Casement Windows, Individual, and two through four-wide, Non-Impact Resistant

Manufacturer: JELD-WEN Windows and Doors
Vista Window Plant
2760 Progress Str #B
Vista, CA 92081
(760) 597-4201

General Description:

System	Description	Label Rating	Design Pressure Rating (psf)
1	Auraline Composite Casement Windows; X	LC-PG50 (36 x 72)	+50 / -55
2	Auraline Composite Casement Windows; 2-wide; XX	LC-PG50 (72 x 72)	+50 / -55
3	Auraline Composite Casement Windows; 4-wide; XXXX	LC-PG35 (144 x 72)	+35 / -40
4	Auraline Composite Casement Windows; X	LC-PG35 (36 x 72)	+35 / -40
5	Auraline Composite Casement Windows; XOX	LC-PG35 (144 x 72)	+35 / -40

Product Dimensions:

System	Overall Size	Operable Sash Size
1	36" x 72"	31-3/4" x 70-3/8"
2	72" x 72"	34-1/16" x 70-1/4" (2)
3	144" x 72"	33-7/8" x 70-1/8" (4)
4	36" x 72"	31-3/4" x 70-3/8"
5	144" x 72"	34" x 70-3/8" (2)

Product Identification (Certification Label on Window):

System		
1-5	Certification Agency	NAMI
	Manufacturer's Name or Code Name	JELD-WEN Windows & Doors
	Product Name	Auraline Composite Casement
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11,17

Impact Resistance:

System	Impact Resistant	Requirement
1-5	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Acceptance of Smaller Assemblies: Window assemblies with dimensions equal to or smaller than those specified area acceptable within the limitations in this report.

Installation:

System		
1	Type of Installation	Install in accordance with JELD-WEN drawing with report No. J8499.01-303-44-R0, titled "Auraline Composite Casement Window" and dated January 28, 2020. Signed and sealed by Joseph A. Reed, P.E. on December 9, 2020.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
2	Type of Installation	Install in accordance with JELD-WEN drawing with report No. NCTL-310-20-036, titled "Auraline Composite Two Wide Casement" and dated April 30, 2020. Signed and sealed by Joseph A. Reed, P.E. on May 13, 2020.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
3	Type of Installation	Install in accordance with JELD-WEN drawing with report No. NCTL-310-20-037, titled "Auraline Composite Four Wide Casement" and dated April 30, 2020. Signed and sealed by Joseph A. Reed, P.E. on May 13, 2020.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

Installation (Continued):

System		
4	Type of Installation	Nail Fin Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8 Phillips pan head screws
	Fastener Location/Spacing	Approximately 4" from each corner and 12" on center along the perimeter
	Fastener Penetration	Minimum 1-1/2" penetration into the wall framing
5	Type of Installation	Nail Fin Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8 Phillips pan head screws
	Fastener Location/Spacing	*Head & Sill:* approximately 4" from each corner and 9" on center, 6" from intermediates stiles. *Jambs:* 4" from ends, 8" on center.
	Fastener Penetration	Minimum 1-1/2" penetration 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.