

Product Evaluation

WIN541 | 1023

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 1-800-248-6032.

Evaluation ID: WIN-541

Effective Date: October 1, 2023

Re-evaluation Date: October 2027

Product Name: Elevate Fiberglass Clad Wood Casement Narrow Frame Windows, Fin Installation, Non-Impact Resistant

Manufacturer: Marvin
1320 9th Street NE
West Fargo, North Dakota 58078
(800) 587-2712

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Elevate Fiberglass Clad Wood Casement NF Windows	LC-PG50 24 X 71	+50 / -50 psf
2	Elevate Fiberglass Clad Wood Casement NF Windows	LC-PG50 29 X 71	+50 / -50 psf
3	Elevate Fiberglass Clad Wood Casement NF Windows Egress Hinge	LC-PG50 29 X 71	+50 / -50 psf
4	Elevate Fiberglass Clad Wood Casement NF Windows	LC-PG50 36 X 39	+50 / -50 psf
5	Elevate Fiberglass Clad Wood Casement NF Windows	LC-PG50 36 X 63	+50 / -50 psf
6	Elevate Fiberglass Clad Wood Casement NF Windows	LC-PG50 36 X 71	+50 / -50 psf

Product Dimensions:

System	Overall Size	Sash Daylight Opening Size
1	24" x 71-1/8"	22-5/16" x 69-7/16"
2	29" x 71-1/8"	27-5/16" x 69-7/16"
3	29" x 71-1/8"	27-5/16" x 69-7/16"
4	36" x 39-1/8"	34-5/16" x 37-7/16"
5	36" x 63-1/8"	34-5/16" x 61-7/16"
6	36" x 71-1/8"	34-5/16" x 69-7/16"

Product Identification (Certification Label on Window):

System		
1-6	Certification agency	WDMA
	Manufacturer's name or code name	Marvin
	Product name	Elevate Casement NF
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-17 AAMA/WDMA/CSA 101/I.S.2/A440-11

Impact Resistance:

System	Impact Resistant	Requirement
1-6	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1-6	Type of Installation	Fin Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	2" galvanize roofing nail
	Fastener Location/Spacing	Along the perimeter, nails spaced 6" max from the corners and 7" max on center in between.
	Fastener Penetration	Minimum 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 and the IBC.