TDI | Texas Department of Insurance

PO Box 149104 | Austin, TX 78714 | 1-800-578-4677 | 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 1-800-248-6032.

Evaluation ID: WIN-1648

Effective Date: October 1, 2023
Re-evaluation Date: August 2027

Product Name: Elevate Fiberglass Clad Wood Traditional Glider Windows, Fin and Frame 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 Glider Windows; XO	LC-PG30 71.5 x 41.75-HS	+30 / -30 psf
2	Elevate Fiberglass Clad Wood Glider Windows; XO	LC-PG30 71.5 x 59.75-HS	+30 / -30 psf
3	Elevate Fiberglass Clad Wood Glider Windows; Triple; XOX	LC-PG30 95.5 x 59.75-HS	+30 / -30 psf
4	Elevate Fiberglass Clad Wood Glider Windows; Triple; XOX	LC-PG30 95.5 x 41.75-HS	+30 / -30 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Size
1	71.5" x 41.75"	34-15/16" x 38-15/16"	34-15/16" x 38-15/16"
2	71.5" x 59.75"	34-15/16" x 56-15/16"	34-15/16" x 56-15/16"
3	95.5" x 59.75"	Two: 22-15/16" x 56-15/16"	One: 48-15/16" x 56-15/16"
4	95.5" x 41.75"	Two: 22-15/16" x 38-15/16"	One: 48-15/16" x 38-15/16"

Product Identification (Certification Label on Window):

System		
1-2	Certification agency	WDMA
	Manufacturer's name or code name	Marvin
	Product name	Elevate Glider
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 AAMA/WDMA/CSA 101/I.S.2/A440-17
3-4	Certification agency	WDMA
	Manufacturer's name or code name	Marvin
	Product name	Elevate Glider Triple Sash
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 AAMA/WDMA/CSA 101/I.S.2/A440-17

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 (One of the Following):

System		
1-4	Type of Installation	Nail Fin Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum 11-gauge roofing nails (minimum 2" long smooth shank)
	Fastener Location/Spacing	Approximately 6" from each corner and approximately 8" on center along the perimeter
	Fastener Penetration	Minimum of 1-1/2" into the wall framing

Installation (One of the Following) - Continued:

System		
2-3	Type of Installation	Frame Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8-18 x 3" type AB, full thread screws
	Fastener Location/Spacing	Approximately 4-3/8" from each corner through the head and fixed sash brackets and approximately 8-17/32" from center on both sides of the head. Through the side jambs spaced approximately 3-15/16" from the upper corners, 4" from the lower corners, and 2-3/4" below center of the side jambs.
	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.