

## Product Evaluation

WIN969 | 0323

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-969

**Effective Date:** March 1, 2023

**Re-evaluation Date:** October 2025

**Product Name:** Series 3500/3540 Vinyl Fixed Windows, Fin and Frame Installation, Non-Impact Resistant

**Manufacturer:** MI Windows and Doors, LLC  
650 West Market Street  
Gratz, PA 17030  
(717) 365-3300

### General Description (Continued):

System	Description	Label Rating	Design Pressure Rating
1	Series 3500 Vinyl Fixed Windows	LC-PG50 (96 x 72)-FW	+50 / -55 psf
2	Series 3500 Vinyl Fixed Windows	LC-PG35 (81 x 63)-FW	+35 / -35 psf
3	Series 3500 Vinyl Fixed Windows	LC-PG50 (60 x 96)-FW	+50 / -50 psf
4	Series 3500 Vinyl Fixed Windows	LC-PG50 (50 x 50)-FW	+50 / -50 psf

**Product Dimensions:**

System	Overall Size	Fixed Sash Daylight Opening Size
1	96" x 72"	92" x 68"
2	80-7/8" x 62-7/8"	77" x 58-3/4"
3	60" x 96"	56" x 92"
4	49-7/8" x 49-7/8"	45-3/4" x 45-3/4"

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

System		
1-4	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-2
	Product Name	3500 PW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

**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:****Nail Fin Installation (Systems 1 and 4):**

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using a nailing fin. The nailing fin is secured to the wall framing using minimum No. 6 x 1-5/8" screws. Locate the fasteners approximately 2" from each corner and 8"-10" on center along the perimeter of the window. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

**Frame Installation (System 2):**

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using minimum No. 8 x 2-1/4" screws. Locate the fasteners approximately 4" from the corners along the side jambs. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

**Frame Installation (System 3):**

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using minimum No. 8 screws. Locate the fasteners approximately 4" from the corners and one (1) at the midspan along the head and the side jambs. Fasteners must be long enough to penetrate a minimum of 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.