



# Product Evaluation

WIN128 | 0515

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-128

**Effective Date:** May 1, 2015

**Re-evaluation Date:** February 2016

**Product Name:** Series GA 505 Aluminum Fixed Windows, New Construction, Non-Impact Resistant

**Manufacturer:** MI Windows and Doors, LLC  
650 West Market Street  
Gratz, PA 17030-0370  
(717) 365-3300

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series GA 505 Aluminum Fixed Windows; O	R-PG50 96x48-FW	+50 / -50 psf
2	Series GA 505 Aluminum Fixed Windows; O	R-PG50 72x72-FW	+50 / -50 psf
3	Series GA 505 Aluminum Fixed Windows; OOO	R-PG40 108x72-FW	+40 / -40 psf

### Product Dimensions:

System	Overall Size	Fixed Glass Daylight Opening Size
1	96" x 48"	92-3/4" x 45-3/8"
2	72" x 72"	68-3/4" x 69-1/4"
3	108" x 72"	32-1/4" x 69-1/8"

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

System		
1, 2, 3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	Series GA 505 (5000/5300/5350) PW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

System	Impact Resistant	Requirement
1, 2, 3	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation:**

System		
1, 2	Type of Installation	Mounting Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No. 6 x 1-5/8" screws
	Fastener Location/Spacing	Located at each corner and approximately 9" on center along the perimeter.
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members.
3	Type of Installation	Mounting Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum 6d common wire nails (2" long)
	Fastener Location/Spacing	Approximately 6" from each corner and 19-1/2" on center along the perimeter.
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members.

**Note:** Keep the manufacturer's installation instructions on the job site during installation. Use corrosion resistant fasteners resistant as specified in the IRC, the IBC, and the Texas Revisions.