



# Product Evaluation

WIN284 | 1014

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-284

**Effective Date:** January 1, 2012

**Revised:** October 1, 2014

**Re-evaluation Date:** July 2015

**Product Name:** Series GA 7050 Vinyl Single Hung Windows, New and Replacement 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 7050 Vinyl Single Hung Windows	R-PG30 36 x 84-H	+30 / -30 psf
2	Series GA 7050 Vinyl Single Hung Windows	R-PG30 48 x 72-H	+30 / -30 psf
3	Series GA 7050 Vinyl Single Hung Windows	R-PG40 48 x 72-H	+40 / -40 psf
4	Series GA 7050 Vinyl Single Hung Windows (Single Hung w/Transom)	R-PG40 48 x 84-H	+40 / -40 psf
5	Series GA 7050 Vinyl Single Hung Windows	R-PG35 53 x 72-H	+35 / -35 psf
6	Series GA 7050 Vinyl Single Hung Windows (Twin Single Hung)	R-PG35 72 x 72-H	+35 / -35 psf
7	Series GA 7050 Vinyl Single Hung Windows (Twin Single Hung)	R-PG40 72 x 72-H	+40 / -40 psf

**General Description (continued):**

System	Description	Label Rating	Design Pressure Rating
8	Series GA 7050 Vinyl Single Hung Windows (Triple Single Hung); Continuous Head and Sill	R-PG35 108 x 72-H	+35 / -35 psf

**Product Dimensions:**

System	Overall Size	Operating Sash Size	Fixed Daylight Opening Size	Transom Daylight Opening Size
1	35.50" x 83.50"	33.25" x 41.00"	30.38" x 37.88"	N/A
2	48.00" x 72.00"	45.94" x 34.94"	42.88" x 32.44"	N/A
3	48.00" x 72.00"	46.00" x 35.25"	42.88" x 32.19"	N/A
4	47.50" x 83.75"	45.50" x 29.00"	42.13" x 26.00"	42.25" x 18.13"
5	53.13" x 72.00"	51.00" x 29.00"	48.00" x 26.38"	N/A
6	72.00" x 72.00"	33.25" x 35.00"	30.69" x 32.38"	N/A
7	72.00" x 72.00"	33.75" x 29.00"	30.63" x 51.50"	N/A
8	107.50" x 71.50"	33.31" x 34.94"	30.38" x 32.00"	N/A

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

System		
1-8	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	Series GA 7050 (7000/7100 SH)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

System	Impact Resistant	Requirement
1-8	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation:**

System		
1	Type of Installation	New Construction – Nailing Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum 6d nails (0.113" x 2" smooth shank)
	Fastener Location/Spacing	Approximately 6" from each corner and 19" on center along the perimeter.
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members.
2,3,4,5,6,7	Type of Installation	New Construction – Nailing Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum 6d nails (0.113" x 2" smooth shank)
	Fastener Location/Spacing	Approximately 6" from each corner and 17" on center along the perimeter.
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members.

**Installation (continued):**

System		
3	Type of Installation	Replacement Construction – Frame
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum 3/16" x 2-3/4" Tapcons
	Fastener Location/Spacing	<u>Head</u> : Approximately 6" from each corner and at mid span. <u>Side Jambs</u> : Approximately 6" from each end and 6" from each side of the fixed interlock. <u>Sill</u> : None
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members.
7	Type of Installation	Replacement Construction – Frame
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum 3/16" x 2-3/4" Tapcons
	Fastener Location/Spacing	<u>Head</u> : Approximately 6" from each corner and 6" on either side of mullion. <u>Side Jambs</u> : Approximately 6" from each end and 6" from each side of the fixed interlock. <u>Sill</u> : None
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members.
8	Type of Installation	New Construction – Nailing Fin
	Wall Framing	Southern Yellow Pine
	Fasteners	Minimum No. 8 screws
	Fastener Location/Spacing	Approximately 6" from each corner and 19" on center along the perimeter.
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members.

**Note:** The manufacturer's installation instructions must be available on the job site during installation. All fasteners must be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.