



# Product Evaluation

WIN126 | 0915

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-126

**Effective Date:** September 1, 2015

**Re-evaluation Date:** September 2016

**Product Name:** Series GA 275 Aluminum Single Hung Window; New Construction or Replacement Construction, Non-Impact Resistant

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

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	GA 275 SH (O/X); FINLESS	R-PG40 36x60-H	+40 / -40 psf
2	GA 275 SH (O/X); FIN	R-PG40 48 x 72-H	+40 / -40 psf
3	GA 275 SH (O/X); FINLESS	R-PG40 48 x 72-H	+40 / -40 psf
4	GA 275 SH (O/X); FINLESS	R-PG35 48 x 84-H	+35 / -35 psf
5	GA 275 SH (O/X); FIN	R-PG30 48 x 84-H	+30 / -30 psf
6	GA 275 SH (O/X); FIN	H-C30 55 x 91	+30 / -30 psf
7	GA 275 SH (O/X); FIN	H-LC40 48 x 72	+40 / -40 psf
8	GA 275 SH (O/X.O/X); FIN	LC-PG40 89 x 72-H (MULL)	+40 / -40 psf

**Product Dimensions:**

System	Overall Size	Operable Sash	Fixed Glass Daylight Opening Size
1	36" x 60"	33-3/4" x 30-1/2"	32" x 27"
2	48" x 72"	45-3/4" x 36-1/2"	44" x 33"
3	48" x 72"	45-3/4" x 36-1/2"	44" x 33"
4	48" x 84"	45-3/4" x 42"	44" x 39-1/4"
5	48" x 84"	45-7/8" x 42-1/4"	44" x 39-1/2"
6	55-1/8" x 90-5/8"	52-13/16" x 45-3/4"	51" x 42-7/16"
7	48" x 72"	45-3/4" x 36-3/4"	44" x 33-1/8"
8	88-1/2" x 72"	(Two) 41-7/8" x 36-1/2"	(Two) 40" x 33-1/8"

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

System		
1, 3, 4	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	GA 275 SH (Finless)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
2, 5, 8	Certification Agency	AAMA
	Manufacturer's Name of Code Name	MTL-12
	Product Name	GA-275 SH (Fin)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
6, 7	Certification Agency	AAMA
	Manufacturer's Name of Code Name	MTL-12
	Product Name	GA 275 (2700) SH
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

**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, 3, 4	Type of Installation	Replacement Construction – Frame
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 8 x 1-1/2" long pan head screws
	Fastener Location/Spacing	Side Jambes- Approximately 3" from the head and sill and approximately at mid-span
	Fastener Penetration	Minimum 1-1/8" into wood framing

**Installation (continued):**

System		
2, 5, 8	Type of Installation	New Construction – Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 6 x 1-5/8" long drywall screws
	Fastener Location/Spacing	Fin- Approximately 3" from the corners and approximately 12" on center
	Fastener Penetration	Minimum 1-1/2" into wood framing
6, 7	Type of Installation	New Construction - Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum 6D (0.113" diameter) x 2" long nails
	Fastener Location/Spacing	Fin- Approximately 6" from the corners and approximately 19" on center
	Fastener Penetration	Minimum 1-1/2" into wood framing

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