



# Product Evaluation

WIN1142 | 0516

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-1142

**Effective Date:** May 1, 2016

**Re-evaluation Date:** August 2016

**Product Name:** Series GA 278 Aluminum Horizontal Sliding Window; 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 278 HS (OX)	LC-PG25 72 x 56-HS	±25 psf
2	GA 278 HS (OX)	LC-PG40 84 x 60-HS	±40 psf
3	GA 278 HS (OX)	LC-PG30 72 x 72-HS	±30 psf
4	GA 278 HS (XOX)	LC-PG25 120 x 60-HS	±25 psf

### Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Daylight Opening Size
1	72" x 56"	36-1/2" x 53-1/2"	33-1/4" x 51-1/2"
2	84" x 60"	42-1/2" x 57-1/2"	39-1/8" x 55-3/16"
3	72" x 72"	36-7/16" x 69-3/16"	33" x 67-1/8"
4	120" x 60"	Two; 36-1/4" x 57-1/2"	44-3/4" x 55-5/16"

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

System		
1-3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	GA 278 (2800) HS
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
4	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	GA 278 (2800) HS XOX
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

System	Impact Resistant	Requirement
1, 2, 3, 4	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation:**

System		
1, 2	Type of Installation	New Construction-Mounting Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	6d box nails
	Fastener Location/Spacing	Perimeter Mounting Fin/Approximately 6" from each end and approximately 19" on center
	Fastener Penetration	Minimum 1-1/2" into wood framing
3, 4	Type of Installation	New Construction-Mounting Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 6 x 1-5/8" screws
	Fastener Location/Spacing	Perimeter Mounting Fin/ Approximately 6" from each end and approximately 18" 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.