



Product Evaluation

WIN52 | 0215

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-52

Effective Date: February 1, 2015

Re-evaluation Date: February 2016

Product Name: Series GA 195 Aluminum Fixed 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 195 (1100-1450) Aluminum Fixed Windows; Single; O	CW-PG40 60 x 60-FW	+40 / -40 psf
2	Series GA 195 (1570) Aluminum Fixed Windows; Single; O	CW-PG40 60 x 60-FW	+40 / -40 psf
3	Series GA 195 (1970) Aluminum Fixed Windows; Single; O	CW-PG40 60 x 60-FW	+40 / -40 psf
4	Series GA 195 (1970) Aluminum Fixed Windows; Triple; Continuous Head and Sill; O.O.O	R-PG40 108 x 72-FW (MULL)	+40 / -40 psf
5	Series GA 195 (1570) Aluminum Fixed Windows; Single; O	R-PG50 96 x 48-FW	+50 / -50 psf
6	Series GA 195 (1970) Aluminum Fixed Windows; Single; O	R-PG50 96 x 48-FW	+50 / -50 psf
7	Series GA 195 (1350) Aluminum Fixed Windows; Single; O	R-PG40 72 x 60-FW	+40 / -40 psf

General Description (cont.):

System	Description	Label Rating	Design Pressure Rating
8	Series GA 195 (1350) Aluminum Fixed Windows; Single; O	R-PG40 72 x 72-FW	+40 / -40 psf
9	Series GA 195 (1670) Aluminum Fixed Windows; Single; O	R-PG40 72 x 72-FW	+40 / -50 psf

Product Dimensions:

System	Overall Size	Glass Daylight Opening
1	60" x 60"	56-3/4" x 56-3/4"
2	60" x 60"	56-3/4" x 56-3/4"
3	60" x 60"	56-3/4" x 56-3/4"
4	108-3/8" x 72-1/8"	Three: 32-3/4" x 68-3/4"
5	96" x 48"	92-5/8" x 44-3/4"
6	96" x 48"	93-7/8" x 45-7/8"
7	72" x 60"	69-3/8" x 57-3/8"
8	72" x 72"	69-3/8" x 69-3/8"
9	72" x 72"	69-3/8" x 69-3/8"

Product Identification (Certification Agency Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	Series GA 195 (1100-1450) FW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	Series GA 195 (1570) FW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
3, 4	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	Series GA 195 (1970) FW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
5	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	Series GA 195 (1570) FW FLANGE
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
6	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	Series GA 195 (1970) FW FIN
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
7, 8	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	Series GA 195 (1350) FW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Product Identification (Certification Agency Label on Window) - continued:

System		
9	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	Series GA 195 (1670) FW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1-9	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation (One of the Following):

System		
1, 3, 6	Type of Installation	Mounting Fin Installation
	Wall Framing	Southern Yellow Pine
	Fasteners	Minimum No. 6 x 1-5/8" screws
	Fastener Location/Spacing	Approximately 6" from each corner and 16" on center along the perimeter.
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members.
1, 2	Type of Installation	Frame Installation
	Wall Framing	Southern Yellow Pine
	Fasteners	Minimum No. 6 x 1-5/8" screws
	Fastener Location/Spacing	Approximately 6" from each corner and 16" on center along the perimeter.
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members.
4	Type of Installation	Mounting Fin Installation
	Wall Framing	Southern Yellow Pine
	Fasteners	Minimum 6d x 2" smooth shank box nails
	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.
5	Type of Installation	Frame Installation
	Wall Framing	Southern Yellow Pine
	Fasteners	Minimum No. 5 x 1-5/8" screws
	Fastener Location/Spacing	Approximately 6" from each corner and 18" on center along the perimeter.
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members.
7, 8, 9	Type of Installation	Frame Installation
	Wall Framing	Southern Yellow Pine
	Fasteners	Minimum 8 screws
	Fastener Location/Spacing	Approximately 6" from each corner and 18" on center along the perimeter.
	Fastener Penetration	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, the IBC, and the Texas Revisions.