



# Product Evaluation

DR660 | 0616

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:** DR-660

**Effective Date:** June 1, 2016

**Re-evaluation Date:** May 2020

**Product Name:** Series 620 Aluminum Sliding Glass Doors, 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 620 Aluminum Sliding Glass Doors; XX	SD-C60 96 x 96	+60 / -60 psf
2	Series 620 Aluminum Sliding Glass Doors; OXX	SD-C50 182 x 96	+50 / -50 psf
3	Series 620 Aluminum Sliding Glass Doors; OXXX	SD-C50 193 x 96	+50 / -50 psf

### Product Dimensions:

System	Overall Size	Panel Size
1	96" x 96"	Two: 48-1/16" x 93-7/8"
2	182" x 96"	Three: 60" x 93-5/8"
3	192-1/2" x 96"	Four: 48" x 93-5/8"

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

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	620 XX SGD
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
2, 3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	620 SGD
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

**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.

**Installation:**

System		
1	Type of Installation	Frame Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 12 flat head screws
	Fastener Location/Spacing	<u>Head and Sill:</u> Located in the interior and exterior track. Each pair of fasteners located approximately 10" from each corner and 10" on center. <u>Side Jambs:</u> Located in the interior track approximately 10" from each corner and 10" on center.
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members.
2, 3	Type of Installation	Frame Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 14 x 2" flat head screws
	Fastener Location/Spacing	<u>Head and Sill:</u> Located in the interior and exterior track. Each pair of fasteners located approximately 10" from each corner and 20" on center. <u>Side Jambs:</u> Located in the interior and exterior track. Each pair of fasteners located approximately 6" from each corner and 16" on center.
	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.