TDI | Texas Department of Insurance

PO Box 12030 | Austin, TX 78711 | 800-578-4677 | tdi.texas.gov

Product Evaluation

DR966 | 0923

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-966

Effective Date: September 1, 2023
Re-evaluation Date: April 2027

Product Name: Series 1615/1617 Vinyl Sliding Glass Doors, Non-Impact Resistant

Manufacturer: MI Windows and Doors
650 West Market Street
Gratz, PA 17030
(717) 365-3300

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 1617 Vinyl Sliding Glass Doors; OXXO	R-PG30 (139.44 x 96)	+30 / -30 psf
2	Series 1617 Vinyl Sliding Glass Doors; OXO	LC-PG35 (142 x 96)	+35 / -35 psf
3	Series 1615 Vinyl Sliding Glass Doors; OX	LC-PG50 (96 x 96)	+50 / -50 psf
4	Series 1615 Vinyl Sliding Glass Doors; XX	LC-PG50 (96 x 96)	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	139-7/16" x 96-1/16"	35-5/8" x 91-13/16"	29-1/8" x 85-7/16"
2	141-11/16" x 95-1/2"	47-1/2" x 91-1/8"	40-3/4" x 84-3/4"
3	95-1/2" x 95-1/2"	48-3/8" x 91-1/8"	41-1/2" x 84-7/8"
4	96" x 96"	48-5/8" x 92" (2)	-

Product Identification (Certification Label on Door):

System		
1-2	Certification agency	AAMA
	Manufacturer's name or code name	MTL-2 and MTL-12
	Product name	1617
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
3	Certification agency	AAMA
	Manufacturer's name or code name	MTL-2 and MTL-12
	Product name	1615
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
4	Certification agency	AAMA
	Manufacturer's name or code name	MTL-2 and MTL-12
	Product name	1617
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-17

Impact Resistance:

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

Installation:

System 1: The wall framing must be minimum Spruce-Pine-Fir dimension lumber. The assembly must be secured to the wall framing with minimum No. 8 x 2" pan head screws. Locate the fasteners approximately 4" from each corner and 14" on center along the perimeter. All fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

System 2: The wall framing must be minimum Spruce-Pine-Fir dimension lumber. The assembly must be secured to the wall framing with minimum No. 10 x 2-1/2" pan head screws along the head and side jambs. Locate the fasteners approximately 4" from each corner and 14" on center. At sill, use galvanized steel straps (1-1/16" wide x 3-3/16" long x 20-gauge). The straps are located approximately 4" from each corner and 14" on center. The straps are secured to the door frame with one (1) No. 8 x 5/8" pan head screw and one (1) No. 8 x 3/4" flat head screw. The straps are secured to the wall framing with one (1) No. 8 pan head screw. All fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

System 3: The wall framing must be minimum Spruce-Pine-Fir dimension lumber. The assembly must be secured to the wall framing with minimum No. 8 x 2" pan head screws along the head and side jambs. Locate the fasteners approximately 4" from each corner and 14" on center. At sill, use galvanized steel straps (1-1/16" wide x 2-7/8" long x 20-gauge). The straps are located approximately 4" from each corner and 14" on center. The straps are secured to the door frame with one No. 8 x 5/8" pan head screw. The straps are secured to the wall framing with two (2) No. 8 pan head screws. All fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

System 4: The wall framing must be minimum Spruce-Pine-Fir dimension lumber. The assembly must be secured to the wall framing with minimum No. 10 x 3" pan head screws along the head and No. 10 x 2" pan head screws along the side jambs. Locate the fasteners approximately " from each corner and spaced 12" on center. At sill, 1-1/16″ wide x 3-1/4" long steel clips are used. Each clip is secured to the sill with one #8 x 5/8" pan head screw and secured to wall framing using one #8 x 1-1/2" pan head screw. The clips are 5" from each end and spaced 12" on center. All fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

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