



Product Evaluation

DR104 | 0615

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-104

Effective Date: June 1, 2015

Re-evaluation Date: October 2015

Product Name: Series 910/3910 Vinyl Sliding Glass Doors, New and Replacement Construction, Non-impact Resistant

Manufacturer: MI Windows and Doors, Inc.
650 West Market Street
Gratz, PA 17030-0370
(717) 365-3300

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 910/3910 Vinyl Sliding Glass Doors; FIN; OX	SD-R25 96 x 82	+25 / -30 psf
2	Series 910/3910 Vinyl Sliding Glass Doors; FIN; OXO	SD-R25 144 x 82	+25 / -30 psf
3	Series 910/3910 Vinyl Sliding Glass Doors; FINLESS; OX	R-PG30 96 x 80-SD	+30 / -30 psf
4	Series 910/3910 Vinyl Sliding Glass Doors; FINLESS;O.OX	R-PG30 143 x 80-SD	+30 / -30 psf
5	Series 910/3910 Vinyl Sliding Glass Doors; FIN; OX	R-PG25 96 x 96-SD	+25 / -25 psf
6	Series 910/3910 Vinyl Sliding Glass Doors; FIN; OX	R-PG30 72 x 80-SD	+30 / -40 psf

General Description:

System	Description	Label Rating	Design Pressure Rating
7	Series 910/3910 Vinyl Sliding Glass Doors; FINLESS; OX	R-PG40 72 x 80-SD	+40 / -50 psf
8	Series 910/3910 Vinyl Sliding Glass Doors; FIN; OX	R-PG30 72 x 96-SD	+30 / -30 psf
9	Series 910/3910 Vinyl Sliding Glass Doors; FINLESS; OX	R-PG30 72 x 96-SD	+30 / -30 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	95-5/8" x 81-1/2"	48-5/8" x 79-1/4"	44" x 74-3/8"
2	143-1/2" x 81-1/2"	48-5/8" x 79-1/4"	44" x 74-3/8"
3	95-5/8" x 79-1/2"	48-5/8" x 77-1/4"	44" x 72-1/2"
4	143-3/8" x 79-1/2"	48-3/4" x 77-1/4"	44" x 72-1/2"
5	96" x 96"	48-3/4" x 93-3/8"	44" x 88-1/4"
6	71-5/8" x 79-1/2"	36-3/4" x 77-1/4"	32" x 72-1/4"
7	71-1/2" x 79-1/2"	36-1/2" x 77-1/4"	32" x 72-3/8"
8	71-1/2" x 79-1/2"	36-1/2" x 77-1/4"	32" x 72-3/8"
9	72" x 95-1/2"	36-5/8" x 93-1/4"	31-3/4" x 88-1/2"
10	72" x 95-1/2"	36-5/8" x 93-1/4"	31-3/4" x 88-1/2"

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-2
	Product Name	910/3910 (FIN)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
3, 4, 7, 9	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-2
	Product Name	910 / 3910 SGD (FINLESS)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
2, 5, 6, 8	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-2
	Product Name	910/3910 SGD (FIN)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

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:

System		
1, 2	Type of Installation	Fin
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 6 x 1-5/8" drywall screws
	Fastener Location/Spacing	Approximately 4" from each corner and approximately 8" on center along the perimeter.
	Fastener Penetration	Minimum 1-1/2" into the wall framing
5, 8	Type of Installation	Mounting Fin
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 6 x 1-5/8" drywall screws
	Fastener Location/Spacing	Approximately 3" from each corner and approximately 8" on center along the perimeter.
	Fastener Penetration	Minimum 1-1/2" into the wall framing
6	Type of Installation	Mounting Fin
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 6 x 1-5/8" drywall screws
	Fastener Location/Spacing	Approximately 3" from each corner and approximately 8" on center along the head and side jambs.
	Fastener Penetration	Minimum 1-1/2" into the wall framing
7	Type of Installation	Frame
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 8 x 2" pan head screws
	Fastener Location/Spacing	Head: Approximately 4" from each corner and approximately 18" on center. Side Jambs: Approximately 4" from each corner and one at the mid span.
	Fastener Penetration	Minimum 1-1/2" into the wall framing
3, 4	Type of Installation	Frame
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 8 x 2" pan head screws
	Fastener Location/Spacing	Head: Approximately 6" from each corner, 6" on either side of the vertical mullion, and centered above the meeting stile at the head. Side Jambs: Approximately 6" from each corner and one at the mid span.
	Fastener Penetration	Minimum 1-1/2" into the wall framing

Installation (continued):

System		
9	Type of Installation	Frame
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 8 x 2" pan head screws
	Fastener Location/Spacing	Head: Approximately 6" from each corner, 6" on either side of the vertical mullion, and centered above the meeting stile at the head. Side Jamb: Approximately 6" from each corner and one at the mid span.
	Fastener Penetration	Minimum 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, IBC, and the Texas Revisions.