



Product Evaluation

DR582 | 0315

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-582

Effective Date: December 1, 2012

Revised: March 1, 2015

Re-evaluation Date: April 2016

Product Name: Series 430/440 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 430 Aluminum Sliding Glass Doors; XXX	R-PG40 143 x 80-SD	+40 / -40 psf
2	Series 430 Aluminum Sliding Glass Doors; (REINF); XXX	R-PG35 143 x 96-SD	+35 / -35 psf
3	Series 430 Aluminum Sliding Glass Doors; (REINF); (MODIF); XXX	R-PG40 143 x 96-SD	+40 / -40 psf
4	Series 440 Aluminum Sliding Glass Doors; (REINF); OXXX	R-PG35 141 x 96-SD	+35 / -35 psf
5	Series 440 Aluminum Sliding Glass Doors; (REINF); (MODIF); OXXX	R-PG35 189 x 96-SD	+35 / -35 psf

Product Dimensions:

System	Overall Size	Panel Size
1	142-3/4" x 80"	48-1/2" x 79"
2	142-3/4" x 96"	48-1/2" x 95"
3	142-3/4" x 96"	48-1/2" x 95"
4	141-1/8" x 96"	36-1/2" x 95"
5	189-1/8" x 96"	48-1/2" x 95"

Product Identification (Certification Agency Label on Door):

System		
1, 2, 3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	430 XXX SGD
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
4, 5	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	440 OXXX SGD
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1, 2, 3, 4, 5	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1, 2, 3, 4, 5	Type of Installation	Frame Installation
	Wall Framing	Southern Yellow Pine
	Fasteners	Minimum No. 10 screws
	Fastener Location/Spacing	<u>Head and Side Jambs:</u> Two rows spaced approximately 5-1/2" from each corner and 17" on center. <u>Sill:</u> One row spaced approximately 5-1/2" from each corner and 22-1/2" 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.