

Product Evaluation

DR644 | 1121

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-644

Effective Date: November 1, 2021

Re-evaluation Date: November 2025

Product Name: Series 6400, 8400, 9400 Vinyl Sliding Glass Doors, Frame Installation, Non-Impact Resistant

Manufacturer: Associated Materials, Inc.
3773 State Rd.
Cuyahoga Falls, OH 44223
(330) 922-5350

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Model 6402/8402/9402 Sliding Doors w/ 3" Panels (OX, XO)	LC-PG25 (94 x 96)-SD	+25 / -25 psf
2	Model 6402/6405/6406/6408 Sliding Doors w/ 3" Panels (OX, XO)	LC-PG25 (94 x 80)-SD	+25 / -25 psf
3	Model 6402/8402/9402 Sliding Doors w/ 5" Panels (OX, XO)	LC-PG35 (94 x 96)-SD	+35 / -35 psf
4	Model 6402/6405/6406 Sliding Doors w/ 3" Panels (OX, XO)	LC-PG45 (71 x 80)-SD	+45 / -45 psf
5	Model 6403/8403/9403 Sliding Doors w/ 5" Panels (OXO)	R-PG25 (141 x 96)-SD	+25 / -25 psf

General Description:

System	Description	Label Rating	Design Pressure Rating
6	Model 6403/8403/9403 Sliding Doors w/ 5" Panels (OXO)	R-PG30 (141 x 80)-SD	+30 / -30 psf
7	Model 6404/6412 Sliding Doors w/ 5" Panels (OXXO)	R-PG25 (140 x 96)-SD	+25 / -25 psf
8	Model 6404/8404/9404 Sliding Doors w/ 5" Panels (OXXO)	R-PG30 (140 x 80)-SD	+30 / -30 psf
9	Model 6402-F/9402-F/8402-F French Sliding Doors (OX, XO)	LC-PG25 (94 x 96)-SD	+25 / -25 psf
10	Model 6402-F/9402-F/8402-F French Sliding Doors (OX, XO)	R-PG30 (94 x 80)-SD	+30 / -30 psf
11	Model 6402-F/9402-F/8402-F French Sliding Doors (OX, XO)	R-PG45 (71 x 80)-SD	+45 / -50 psf
12	Model 6403-F/8403-F/9403-F French Sliding Doors (OXO)	R-PG25 (141 x 96)-SD	+25 / -25 psf
13	Model 6403-F/8403-F/9403-F French Sliding Doors (OXO)	LC-PG35 (141 x 80)-SD	+35 / -35 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Panel Daylight Opening Size
1	94-1/4" x 95-1/2"	47-5/16" x 92-1/8"	40-3/4" x 85-5/8"
2, 10	94-1/4" x 79-1/2"	47-1/2" x 76-3/16"	40-15/16" x 64-3/16"
3	94-1/4" x 95-1/2"	47-1/2" x 92-1/2"	38" x 82-1/8"
4	70-5/8" x 79-1/2"	35-1/2" x 76-1/8"	29" x 69-5/8"
5, 12	140-7/8" x 95-1/2"	47-3/8" x 92-3/8"	40-3/4" x 80"
6, 13	140-7/8" x 79-1/2"	47-3/8" x 76-3/16"	40-3/4" x 64-1/16"
7	139-1/2" x 95-1/2"	35-5/8" x 92-3/16"	29-1/8" x 80-1/8"
8	139-1/2" x 79-1/2"	36-5/16" x 76-1/8"	26-1/8" x 66-1/8"
9	94-1/4" x 95-1/2"	47-1/2" x 92-1/2"	40-15/16" x 80"
11	70-5/8" x 79-1/2"	35-5/8" x 76-3/16"	29-1/16" x 64"

Product Identification (Certification Label on Door):

System		
1	Certification agency	AAMA
	Manufacturer's name or code name	AMI-05
	Product name	6402/8402/9402 SGD w/ 3" Panels
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Product Identification (Certification Label on Door):

System		
2	Certification agency	AAMA
	Manufacturer's name or code name	AMI-05
	Product name	6402/6405/6406/6408 SGD w/ 3" Panels
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
3	Certification agency	AAMA
	Manufacturer's name or code name	AMI-05
	Product name	6402/8402/9402 SGD w/ 5" Panels
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
4	Certification agency	AAMA
	Manufacturer's name or code name	AMI-05
	Product name	6402/6405/6406 SGD w/ 3" Panels
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
5-6	Certification agency	AAMA
	Manufacturer's name or code name	AMI-05
	Product name	6403/8403/9403 SGD w/ 5" Panels
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
7	Certification agency	AAMA
	Manufacturer's name or code name	AMI-05
	Product name	6404/6412 SGD w/ 5" Panels
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
8	Certification agency	AAMA
	Manufacturer's name or code name	AMI-05
	Product name	6404/8404/9404 SGD w/ 5" Panels
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
9-11	Certification agency	AAMA
	Manufacturer's name or code name	AMI-05
	Product name	6402-F/9402-F/8402-F French SGD
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
12-13	Certification agency	AAMA
	Manufacturer's name or code name	AMI-05
	Product name	6403-F/9403-F/8403-F French SGD
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1-13	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1-4	Type of installation	Install in accordance with drawing No. TX-5236, dated September 21, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on September 22, 2021.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	
5-6	Type of installation	Install in accordance with drawing No. TX-5237, dated September 21, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on September 22, 2021.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	
7-8	Type of installation	Install in accordance with drawing No. TX-5238, dated September 21, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on September 22, 2021.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	
9-11	Type of installation	Install in accordance with drawing No. TX-5239, dated September 21, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on September 22, 2021.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	
12-13	Type of installation	Install in accordance with drawing No. TX-5240, dated September 21, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on September 22, 2021.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	

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.