



Product Evaluation

DR139 | 0815

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-139

Effective Date: August 1, 2015

Re-evaluation Date: January 2017

Product Name: Series 06-05 Vinyl Sliding Patio Door with Transom or Sidelite, New and Replacement Construction, Non-Impact Resistant

Manufacturer: Simonton Building Products, Inc.
One Cochrane Avenue
Pennsboro, West Virginia 26415-9403
(800) 426-2249

Marketed by: Profinish Contractor
Grand Estates New Construction

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 06-05 Vinyl Sliding Patio Door with Transom	SD-R45 71 x 116	±45 psf
2	Series 06-05 Vinyl Sliding Patio Door with Sidelite	SD-R35 107 x 96	±35 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	71-1/4" x 115-1/2"	36-3/8" x 76-1/2"	31-3/8" x 71-1/2"
2	107-1/4" x 95-1/2"	36-3/8" x 92-1/2"	31-3/8" x 87-3/8"

Transom Dimensions:

System	Transom Size	Glass Daylight Opening Size
1	71-1/4" x 35-1/2"	66-7/8" x 31-3/8"

Product Dimensions:

System	Sidelite Size	Glass Daylight Opening Size
2	35-1/2" x 95-1/2"	31-3/8" x 87-3/8"

Product Identification (Certification Label on Door):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SIM-1
	Product Name	06-05 Patio Door w/ Transom
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SIM-1
	Product Name	06-05 Patio Door w/ Sidelite
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

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

Installation:

System		
1	Type of Installation	New Construction- Frame Installation
	Wall Framing	SPF wood framing
	Fasteners	#10 x 2-1/2" flat head screws- Door Jambs #10 x 2-1/2" flat head screws- Transom side jambs #10 x 2-1/2" flat head screws- Transom head #8 x 2-1/2" flat head screws- Keeper Jamb
	Fastener Location/Spacing	Door Jambs/ Approximately 6" from each end and approximately 23" on center Transom side jambs/ Approximately 6" from each end and at midpoint three screws total Transom head/ Approximately 6" from each end and spaced approximately 23" on center Keeper jamb/ Through the keeper into the wood framing
	Fastener Penetration	1-1/2" minimum into wood framing

Installation (continued):

System		
2	Type of Installation	New Construction- Nail Fin
	Wall Framing	SPF wood framing
	Fasteners	#6 x 1-1/4" - Head, Sill and Side jambs #8 x 2-1/2" - Keeper Jamb
	Fastener Location/Spacing	Head, Sill and Side jambs/ Approximately 2" from each end and spaced 8" on center through the nail fin into wood framing Keeper Jamb/ Through the keeper into the wood framing
	Fastener Penetration	1-1/2" minimum into wood framing

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.