

## Product Evaluation

WIN2145 | 1120

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:** WIN-2145

**Effective Date:** November 1, 2020

**Re-evaluation Date:** November 2024

**Product Name:** Series 15-15 and 15-16 Vinyl Patio Door Fixed Sidelites and Transoms, Non-Impact Resistant

**Manufacturer:** Simonton Windows & Doors by Ply Gem  
5020 Weston Pkwy., Ste. 300  
Cary, NC 27513  
(800) 542-9118 ext. 413596

**Marketed As:** Inovo  
6500 Series

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 15-15 Fixed Door Sidelites and Transoms; Finless Installation	R-PG50 (107 x 47)-FW	+50 / -50 psf
2	Series 15-16 Fixed Door Sidelites and Transoms; Fin Installation	R-PG50 (107 x 47)-FW	+50 / -50 psf

### Product Dimensions:

System	Overall Size	Fixed Sash Daylight Opening Size
1-2	107-1/4" x 47-1/4"	102" x 41-7/8"

**Product Identification (Certification Label on Window):**

System		
1-2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SIM-1 or SIM-2
	Product Name	15-15 FIXED (System 1) 15-16 FIXED (System 2)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

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

**Installation:**

System		
1	Type of Installation	Frame Installation
	Wall Framing	Southern Yellow Pine
	Fasteners	No. 10 x 2-1/2" steel fasteners
	Fastener Location/Spacing	Jambs: 6" from each corner
	Fastener Penetration	Minimum of 1-1/2" into the wall framing
2	Type of Installation	Nail Fin Installation
	Wall Framing	Southern Yellow Pine
	Fasteners	No. 6 steel fasteners
	Fastener Location/Spacing	Full perimeter: 2" from each corner and 9" on center
	Fastener Penetration	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.