



# Product Evaluation

WIN1680 | 0816

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-1680 **Effective Date:** August 1, 2016  
**Re-evaluation Date:** August 2019

**Product Name:** Series 06-05 Vinyl Fixed Windows (Sidelite/Transom), Individual, New Construction, Impact Resistant

**Manufacturer:** Simonton Building Products, Inc.  
3948 Townsfair Way Suite 200  
Columbus, Ohio 43219  
Telephone: (800) 426-2249

**Marketed as:** SafePoint

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 06-05 Vinyl Fixed Windows; Fin-Mounted; (O)	R-PG50 107 X 48 FW Missile Level C	± 50 psf
2	Series 06-05 Vinyl Fixed Windows; Fin-Mounted; (O)	FW-R50 48 x 80 Missile Level C	± 50 psf

### Product Dimensions:

System	Overall Size	Daylight Opening Size
1	107-1/4" x 47-1/2"	102-3/4" x 43"
2	47-1/4" x 79-1/2"	43-3/8" x 71-5/8"

**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	06-05 FX Picture
	Test Standards	Sys. 1: AAMA/WDMA/CSA 101/I.S.2/A440-08; Sys. 2: AAMA/WDMA/CSA 101/I.S.2/A440-05; Sys. 1 & 2: AAMA 506-06; Missile Level C

**Impact Resistance:**

System	Impact Resistant	Requirement
1, 2	Inland I Zone - Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the <b>Inland I zone</b> . The assemblies may be installed at any height on the structure located in the <b>Inland I zone</b> as long as the design pressure rating for the assemblies is not exceeded.
	Seaward Zone - No	Impact protective system required when product is installed in areas where windborne debris protection is required

**Installation:** The window must be fastened to minimum Spruce-Pine-Fir dimension lumber. The window is secured to the wall framing using the fin of the window with minimum No. 6 screws. The fasteners are spaced approximately 4" from each corner and 9" on center. All fasteners must be long enough to penetrate a 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.