



# Product Evaluation

DR554 | 1016

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-554

**Effective Date:** October 1, 2016

**Re-evaluation Date:** October 2020

**Product Name:** SafePoint Series 06-05 Vinyl Sliding Glass Doors, Fin-Mounted, Impact Resistant

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

**Marketed as:** ProFinish Brickmould 600 SafePoint

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 06-05 Vinyl 2-Lite Sliding Glass Doors with SafePoint Laminated Glass; Fin Mounted; H5 Steel Reinforced Meeting Stiles and Lock Stile; OX	R PG50 95 x 80-SD  AAMA 506-06 Missile Level C	± 50 psf
2	Series 06-05 Vinyl 3-Lite Sliding Glass Doors with SafePoint Laminated Glass; Fin Mounted; H5 Steel Reinforced Meeting Stiles and Lock Stile; OXO	R PG45 107 x 80-SD  AAMA 506-06 Missile Level C	± 45 psf

### Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	95-1/4" x 79-1/2"	48-3/8" x 76-3/8"	43-5/8" x 71-1/2"
2	107-1/4" x 79-1/2"	37" x 76-3/8"	32-1/4" x 71-5/8"

**Product Identification (Certification Agency Label on Door):**

System		
1, 2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SIM-1 or SIM-2
	Product Name	System 1: 06-05 Patio Door (2 Lite) System 2: 06-05 Patio Door (3 Lite)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 506-06 Missile Level C

**Impact Resistance:**

System	Impact Resistant	Requirement
1, 2	Inland I Zone- Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the building that does not exceed the design pressure rating for the assemblies.
	Seaward Zone -No	Provide an impact protective system when installing the product in areas that require windborne debris protection for glazed openings.

**Installation:**

System		
1, 2	Type of Installation	New Construction – Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	<ul style="list-style-type: none"> <li>No. 6 x 1-5/8" steel screws (minimum)</li> <li>No. 8 x 2-1/2" steel screws (minimum)</li> </ul>
	Fastener Location/Spacing	Secure the door to the wall framing using the nailing fin with minimum No. 6 steel screws. Locate the fasteners at each corner and 8" on center along the perimeter of the door. Secure the door latch keeper to the wall framing with two, No. 8 x 2-1/2" steel screws.
	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.