

## Product Evaluation

WIN1192 | 0620

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-1192

**Effective Date:** June 1, 2020

**Re-evaluation Date:** June 2024

**Product Name:** Series 07-09/07-20 Vinyl Fixed Windows, Fin and Frame Installation, Impact Resistant

**Manufacturer:** Simonton Windows & Doors by Ply Gem  
5020 Weston Pkwy, Ste. 300  
Cary, NC 27513  
(800) 542-9118 ext. 41396

**Marketed As:** Stormbreaker Plus  
PerfeXion Impact  
8000 Series

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 07-09 Vinyl Fixed Windows	R-PG50 (37 x 84)-FW Missile Level D	+50 / -50 psf
2	Series 07-09/07-20 Vinyl Fixed Windows	R-PG55 (74 x 63)-FW Missile Level D	+55 / -55 psf

**Product Dimensions:**

System	Overall Size	Fixed Sash Daylight Opening Size
1	37" x 84"	31-1/8" x 78-1/4"
2	74" x 63"	68-1/4" x 57-1/4"

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

System		
1-2	Certification Agency	AAMA
	Code Name	SIM-1 or SIM-2
	Product Name	07-09 PICTURE (System 1) 07-09/07-20 STORMBREAKER PL PW (System 2)
	Test Standards	AAMA/WDMMA/CSA 101/I.S.2/A440-08 AAMA 506; Missile Level D

**Impact Resistance:**

System	Impact Resistant	Requirement
1-2	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

**Installation (one of the following for System 2):****Frame Installation (System 1):**

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using minimum No. 10 x 2-1/2" steel screws. Locate the fasteners approximately 6" from each corner and evenly spaced thereafter, totaling 7 fasteners along each side jamb and 3 along the head and sill. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

**Frame Installation (System 2):**

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using minimum No. 10 x 2-1/2" steel screws. Locate the fasteners approximately 6" from each corner and evenly spaced thereafter, totaling 6 fasteners along each side jamb and 7 along the head and sill. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

**Nail Fin Installation (System 2):**

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using an integral nailing fin. The nailing fin is secured to the wall framing using minimum No. 6 steel screws. Locate the fasteners at the beginning of each corner and approximately 9" on center along the perimeter. 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 and the IBC.