

Product Evaluation

WIN2715 | 0822

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-2715

Effective Date: August 1, 2022

Re-evaluation Date: August 2025

Product Name: Series 08-09/ 08-20 Vinyl Awning Windows with SafePoint, Impact Resistant

Manufacturer: Simonton Windows & Doors by Ply Gem
5020 Weston Pkwy., Suite 300
Cary, NC 27513
(614) 307-3278

Marketed As: Reflections 5500
PerfeXion Platinum
6000EX

General Description:

| System | Description | Label Rating | Design Pressure Rating |
|--------|--|--|------------------------|
| 1 | Series 08-09/ 08-20 Vinyl Awning Windows with SafePoint; X | R-PG40 (50 x 36)-AP Missile Level C | +40 / -40 psf |

Product Dimensions:

| System | Overall Size | Vent Size |
|--------|--------------|--------------------|
| 1 | 50" x 36" | 48-1/4" x 34-5/16" |

Product Identification (Certification Label on Window):

| System | | |
|--------|----------------------------------|--|
| 1 | Certification Agency | AAMA |
| | Manufacturer's Name or Code Name | SIM-1 |
| | Product Name | 08-09/ 08-20 AWNING |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-11 AAMA 506 Conforms to ASTM E1886 & E1996 Missile Level C |

Impact Resistance:

| System | Impact Resistant | Requirement |
|--------|------------------|--|
| 1 | Yes | These products have been tested for windborne debris resistance. Install in areas where the basic ultimate windspeed is less than 150 mph and greater than one mile from the coastline. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies |

Installation:

| System | | |
|--------|---------------------------|---|
| 1 | Type of Installation | Install in accordance with drawing No. IN0592TX, dated July 23, 2021. Signed and sealed by Lucas A. Turner, P.E. on January 20, 2022. |
| | Wall Framing | |
| | Fasteners | |
| | Fastener Location/Spacing | |
| | Fastener Penetration | |

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.