

Product Evaluation

WIN2390 | 0619

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-2390

Effective Date: June 1, 2019

Re-evaluation Date: June 2023

Product Name: Series 670 Thermally Broken Aluminum Awning Windows, Frame Installation, Non-Impact Resistant

Manufacturer: Western Window Systems, LLC
2200 East Riverside Drive
Phoenix, AZ 85034
(877) 268-1300

General Description:

| System | Description | Label Rating | Design Pressure Rating |
|--------|---|--------------------|------------------------|
| 1 | Series 670 Thermally Broken Aluminum Awning Windows | CW-PG50 48 x 36-AP | +50 / -50 psf |

Product Dimensions:

| System | Overall Size | Operable Sash Size |
|--------|--------------|--------------------|
| 1 | 48" x 36" | 46.68" x 34.77" |

Product Identification (Certification Label on Window):

| System | | |
|--------|----------------------------------|---------------------------------|
| 1 | Certification Agency | AAMA |
| | Manufacturer's Name or Code Name | WWD-1 |
| | Product Name | 670 Awning |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-11 |

Impact Resistance:

| System | Impact Resistant | Requirement |
|--------|------------------|--|
| 1 | 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 dimension lumber |
| | Fasteners | Minimum No. 8 x 1-1/2" PFH screws |
| | Fastener Location/Spacing | Approximately 6" from each end and 12" on center along the head and side jambs |
| | 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, the IBC, and the Texas Revisions.