

## Product Evaluation

WIN2389 | 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-2389

**Effective Date:** June 1, 2019

**Re-evaluation Date:** June 2023

**Product Name:** Series 670 Thermally Broken Aluminum Hopper 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 Hopper Windows (X)	LC-PG25 48 x 36-AP	+25 / -25 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 Hopper
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17

**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.