



Product Evaluation

WIN2031| 0915

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-2031

Effective Date: September 1, 2015

Re-evaluation Date: October 2017

Product Name: 1450S Aluminum Casement/Picture Combination Window, New and Replacement Construction, Impact-Resistant

Manufacturer: Winco Window Company
6200 Maple Avenue
St. Louis, MO 63130
(314) 725-8088

General Description:

System	Description	Label Rating	Design Pressure Rating
1	1450S Aluminum Casement/Picture Combination Assembly; O/X.O/O	AW-PG80 87 x 99-C Missile Level D	±80 PSF

Product Dimensions:

System	Overall Size	Casement Operable Sash Size	Fixed Glass Daylight Opening Sizes
1	87" x 99-3/16"	33-5/16" x 58-3/16"	Smallest Size: 31-1/2" x 34-3/8" Largest Size: 43" x 45-3/8"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	WWC-1
	Product Name	1450S Casement/Picture Combination Assembly
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08/ ASTM E1886/ ASTM E1996 Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone. The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

Installation:

System		
1	Type of Installation	Install in accordance with drawing 1450S CO/FX-Receptor, 1450S CO/FX-Trim Clip or 1450S CO/FX-Through Frame, signed and sealed by David Rice P.E. on October 16, 2014
	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, the IBC, and the Texas Revisions.