



Product Evaluation

WIN180 | 0516

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-180 **Effective Date:** May 1 2016
Re-evaluation Date: May 2020

Product Name: 400 Series Vinyl Clad Wood Double Hung Picture and Transom Windows, Impact Resistant

Manufacturer: Andersen Windows and Doors
100 Fourth Avenue North
Bayport, MN 55003-1096
(651) 264-5150

General Description:

System	Description	Label Rating	Design Pressure Rating
1	400 Series Tilt Wash Transom Window	LC-PG50 75.3 x 39.3 Missile Level D	+50 / -65 psf
2	400 Series Circle Top Narroline Window	SP-PG70 75.4 x 40.0 Missile Level D	+70 / -70 psf

Product Dimensions:

System	Overall Size	Glass Daylight Opening Size
1	75-1/4" x 39-1/4"	69-1/4" x 32-1/2"
2	75-3/8" x 40"	69-3/4" x 34-3/4"

Product Identification (Certification Agency Label on Window):

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Andersen Corporation
	Product Name	400 Series Tilt Wash Transom Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886-05, ASTM E 1996-12; Missile Level D
2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Andersen Corporation
	Product Name	400 Series Circle Top Narroline Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11; AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886-05, ASTM E 1996-12; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	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: Fasten the window to minimum Spruce-Pine-Fir dimension lumber. Secure the nail flange of the window to the wall framing with minimum No. 6 x 1-5/8" screws. Space the fasteners approximately 2" from each corner and 7" on center along the perimeter of the window. Secure the frame of the window to the wall framing with galvanized steel installation clips (6-3/8" x 1-1/2" x 0.024") with two No. 8 x 1-1/4" screws into the window frame and two No. 6 x 1-5/8" screws into the wall framing. Along the side jambs, space the clips approximately 6" from each corner and one at the mid span. Along the head and the sill, space the clips approximately 16" from each corner. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall framing.

System 2: Fasten the window to minimum Spruce-Pine-Fir dimension lumber. Secure the frame of the window to the wall framing with galvanized steel installation clips (6-3/8" x 1-1/2" x 0.024") with two No. 8 x 1" SS pan head screws into the window frame and two No. 6 x 1-5/8" screws into the wall framing. Along the sill, space the clips approximately 6" from each corner and 22" on center. Along the radius, space the clips approximately 6" from each corner and 24" on center. Use fasteners long enough to penetrate a 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.