

Product Evaluation

WIN1990 | 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-1990

Effective Date: August 1, 2022

Re-evaluation Date: May 2023

Product Name: 400 Series Vinyl Clad Wood Casement Windows with Stormwatch Protection, Frame Installation, Impact Resistant

Manufacturer: Andersen Corporation
100 Fourth Avenue North
Bayport, MN 55003
(651) 264-5150

General Description:

System	Description	Label Rating	Design Pressure Rating
1	400 Series Vinyl Clad Wood Casement Windows; CXW145; (X)	LC-PG70 (35.9 x 52.9) Missile Level D	+70 / -70 psf
2	400 Series Vinyl Clad Wood Casement Windows; CXW145; (O)	LC-PG70 (35.9 x 52.9) Missile Level D	+70 / -70 psf
3	400 Series Vinyl Clad Wood Casement Windows; CX16; (X)	LC-PG70 (31.5 x 71.9) Missile Level D	+70 / -70 psf
4	400 Series Vinyl Clad Wood Casement Windows; CX16; (O)	LC-PG70 (31.5 x 71.9) Missile Level D	+70 / -70 psf
5	400 Series Vinyl Clad Wood Casement Windows; CW26; (OX)	LC-PG70 (56.5 x 71.9) Missile Level D	+70 / -70 psf

General Description (Continued):

System	Description	Label Rating	Design Pressure Rating
6	400 Series Vinyl Clad Wood Casement Windows; C35; (OXO)	LC-PG70 (71.9 x 59.9) Missile Level D	+70 / -70 psf

Product Dimensions:

System	Overall Size	Panel/ Sash Size	Daylight Opening Size
1	35.9375" x 52.974"	35.500" x 51.250"	31.500" x 47.875"
2	35.9375" x 52.750"	34.750" x 51.250"	31.500" x 47.875"
3	31.500" x 71.875"	34.750" x 51.250"	27.0625" x 66.9375"
4	31.500" x 71.875"	30.375" x 70.375"	27.0625" x 66.9375"
5	56.500" x 71.875"	23.875" x 67.4375"	23.875" x 66.875"
6	71.8750" x 59.875"	22.875" x 58.3125"	19.375" x 54.750"

Product Identification (Certification Label on Window):

System		
1-4, 6	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Andersen Corporation
	Product Name	400 Series Casement Window with Stormwatch Protection
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886/E1996-05; Missile Level D
5	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Andersen Corporation
	Product Name	400 Series Casement Window with Stormwatch Protection
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-05; ASTM E1996-12; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-6	Yes	These products have been tested for windborne debris resistance. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation:

System		
1-6	Type of Installation	Install in accordance with Andersen Corporation drawing AWD059; dated March 2, 2022; Signed and sealed by Hermes F. Norero, P.E. on April 26, 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.