

Product Evaluation

WIN2574 | 0221

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-2574

Effective Date: February 1, 2021

Re-evaluation Date: February 2025

Product Name: A-Series Aluminum Clad Wood Fixed Sash Set Specialty Windows, Fin and Frame Installation, Impact Resistant

Manufacturer: Andersen Corporation
100 4th Avenue North
Bayport, MN 55003
(651) 264-4944

General Description:

System	Description	Label Rating	Design Pressure Rating
1	A-Series Clad Wood Fixed Specialty Windows w/ Stormwatch Protection; Model 50100; O	LC-PG70 (120 x 60) Missile Level D	+70 / -80 psf
2	A-Series Clad Wood Fixed Specialty Windows w/ Stormwatch Protection; Model 4680; O	LC-PG70 (96 x 54) Missile Level D	+70 / -70 psf
3	A-Series Clad Wood Fixed Specialty Windows w/ Stormwatch Protection; Model 3050; O	LC-PG70 (36 x 60) Missile Level D	+70 / -70 psf

Product Dimensions:

System	Overall Size	Sash Size	Fixed Sash Daylight Opening Size
1	120" x 60"	117-1/2" x 57-1/2"	113" x 53"
2	96" x 54"	94-1/2" x 51-1/2"	89-1/4" x 47-1/4"
3	36" x 60"	33-1/2" x 57-1/2"	29-1/4" x 53-1/4"

Product Identification (Certification Label on Window):

System		
1-3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Andersen Corporation
	Product Name	A-Series Specialty Window; Sash Set; Impact Resistant
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-13a/E1996-14a Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-3	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation (One of the Following):

Option 1: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using a nailing fin. The nailing fin is secured to the wall framing with 1-1/2" long, minimum 12-gauge, smooth shank roofing nails. Locate the nails approximately 4" from each corner and 10-1/2" on center along the perimeter. In addition, use 24-gauge steel installation clips (1-1/2" x 9" x 0.024) located 4" from each corner and 6" on center. Secure the clips to the window frame with three (3) No. 8 x 3/4" screws and to the wall framing with two (2) No. 10 x 1-1/2" screws. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Option 2: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing with No. 12 x 2-1/2" screws. Locate the screws approximately 3" from each corner and 6" on center. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

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.