

Product Evaluation

WIN1701 | 0920

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-1701

Effective Date: September 1, 2020

Re-evaluation Date: September 2024

Product Name: E-Series Aluminum Clad Wood Double Hung Fixed Windows, Impact Resistant

Manufacturer: Andersen Corporation

2045 Kerper Blvd
Dubuque, IA 52001
(800) 324-5354

General Description:

System	Description	Label Rating	Design Pressure Rating
1	E-Series Clad Wood Double Hung Fixed Windows; Mono	LC-PG55 (60 x 78) Missile Level D	+55 / -65 psf
2	E-Series Clad Wood Double Hung Fixed Windows; IG	LC-PG55 (60 x 78) Missile Level D	+55 / -65 psf

Product Dimensions:

System	Overall Size	Fixed Sash Daylight Opening Size
1-2	60" x 78"	53" x 70"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	WMDA
	Manufacturer's Name or Code Name	Andersen Corporation
	Product Name	E-Series Double Hung Fixed Window; Impact Resistant Mono
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886/E1996-05; Missile Level D
2	Certification Agency	WMDA
	Manufacturer's Name or Code Name	Andersen Corporation
	Product Name	E-Series Double Hung Fixed Window; Impact Resistant IG
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886/E1996-05; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-2	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:

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using steel installation straps (1-1/4" x 9" x 0.030"). Secure the straps to the window frame with two No. 8 screws and to the wall framing using two minimum 11-gauge, 2" long roofing nails. Locate the straps approximately 6" from each corner and 24" on center along the side jambs, and 6" from each corner along the head and sill. 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.