

Product Evaluation

WIN1713 | 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-1713

Effective Date: September 1, 2020

Re-evaluation Date: September 2024

Product Name: E-Series Aluminum Clad Wood Casement Windows, Non-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 Casement Window | CW-PG55 (30 x 72) | +55 / -60 psf |
| 2 | E-Series Clad Wood Casement Window | CW-PG60 (36 x 66) | +60 / -60 psf |
| 3 | E-Series Clad Wood Casement Window | CW-PG70 (36 x 72) | +70 / -70 psf |

Product Dimensions:

| System | Overall Size | Operable Sash Size |
|--------|--------------|--------------------|
| 1 | 30" x 72" | 28-1/2" x 70-1/2" |
| 2 | 36" x 66" | 34-1/4" x 64-1/2" |
| 3 | 36" x 72" | 34-3/8" x 70-1/2" |

Product Identification (Certification Label on Window):

| System | | |
|--------|----------------------------------|---------------------------------|
| 1-3 | Certification Agency | WDMA |
| | Manufacturer's Name or Code Name | Andersen Corporation |
| | Product Name | E-Series Casement Window |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-11 |

Impact Resistance:

| System | Impact Resistant | Requirement |
|--------|------------------|--|
| 1-3 | No | Provide an impact protective system when installing the product in areas that require windborne debris protection. |

Installation:

Systems 1-2: 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 clips (1-1/4" x 9" x 0.030"). Secure the clips to the window frame using two No. 8 screws and to the wall framing using two 2" long, 11-gauge, smooth shank roofing nails. Locate the clips approximately 6" from each corner and at the midspan along the head and sill, and 6" from each corner and 24" on center along each side jamb. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

System 3: 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 flange. The flange is secured to the window frame using No. 8 screws and to the wall framing using minimum 11-gauge x 2" smooth shank roofing nails. Locate the nails approximately 6" from each corner and 12" on center along the perimeter. 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.