

Product Evaluation

DR718 | 0520

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: DR-718

Effective Date: May 1, 2020

Re-evaluation Date: December 2023

Product Name: E-Series Aluminum Clad Wood Glazed Outswing Hinged Patio Door Sidelite, 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 Glazed Outswing Hinged Patio Door Sidelite	LC-PG65 (36.5 x 95.3) Missile Level D	+65 / -75 psf
2	E-Series Clad Wood Glazed Outswing Hinged Patio Door Sidelite	LC-PG65 (36.5 x 95.3) Missile Level D	+65 / -75 psf

Product Dimensions:

System	Overall Size	Panel Size	Fixed Panel Daylight Opening Size
1-2	36-1/2" x 95-5/16"	34-3/4" x 93-1/4"	29-1/4" x 80-1/2"

Product Identification (Certification Label on Door):

System		
1	Certification agency	WDMA
	Manufacturer's name or code name	Andersen Corporation
	Product name	E-Series Hinged Patio Door Sidelite-Outswing, Impact Resistant, IG
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-05/E1996-02; Missile Level D
2	Certification agency	WDMA
	Manufacturer's name or code name	Andersen Corporation
	Product name	E-Series Hinged Patio Door Sidelite-Outswing, Impact Resistant, Mono
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-05/E1996-02; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-4	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:**Nail Fin Installation:**

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing using an aluminum nailing fin. The nailing fin is secured to the wall framing using minimum 12-gauge smooth shank roofing nails. Locate the nails approximately 3" from each corner and spaced 12" on center along the head and side jambs. The sill is secured to the wall framing using two (2) No. 8 x 2-1/2" screws located approximately 6" from each corner. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Installation Straps:

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing using installation straps (1-5/8" x 12" x 0.04" galvanized steel). Secure the straps to the door frame using two (2) No. 8 screws and to the wall framing using four (4) 1-1/2" smooth shank roofing nails. Locate the straps approximately 6" from each corner and spaced 20" on center along the head and side jambs. The sill is secured to the wall framing using two (2) No. 8 x 2-1/2" screws located approximately 6" from each corner. 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.