



Product Evaluation

WIN1989 | 0514

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-1989

Effective Date: May 1, 2015

Re evaluation Date: August 2016

Product Name: E-Series Aluminum Clad Wood Outswing Hinged Patio Door Transom, Impact Resistant

Manufacturer: Eagle Window & Door
2045 Kerper Blvd
Dubuque, IA 52001
(800) 324-5354

General Description:

System	Description	Label Rating	Design Pressure Rating
1	E-Series Aluminum Clad Wood Outswing Hinged Patio Door Transom; Mono	CW-PG65 72x36 – TW TR-C65 72x36 Missile Level D	+65/-65 psf
2	E-Series Aluminum Clad Wood Outswing Hinged Patio Door Transom; IG	CW-PG65 72x36 – TW TR-C65 72x36 Missile Level D	+65/-65 psf

Component Dimensions:

System	Overall Size	Sash Size
1	72" x 36"	70-1/4" x 34-1/4"
2	72" x 36"	70-1/4" x 34-1/4"

Product Identification (Certification Agency Label on Window):

System		
1, 2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Eagle Window & Door, Inc.
	Product Name	Hinged Patio Door – Outswing
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-05 ASTM E 1886-05, ASTM E 1996-05 Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the assemblies' design pressure rating.

Installation:

Option 1 (Installation Clips): Fasten the assembly to minimum Spruce-Pine-Fir dimension lumber. Secure the assembly to the wall framing using galvanized installation clips. Secure installation clips (1-5/8" x 12" x 0.04") to frame head, sill, and side jambs approximately 6" from each corner and 20" on center. Secure clips to the doorframe with two, No. 8 x 5/8" screws and to the wall framing with four, galvanized 0.12" diameter smooth shank roofing nails (two (2) at the interior and two at the exterior). Use fasteners long enough to penetrate a minimum of 1-1/2" into the framing.

Option 2 (Nail Flange): Fasten the assembly to minimum Spruce-Pine-Fir dimension lumber. Secure the assembly to the wall framing using the nailing flange with minimum No. 8 screws. Along the head, sill, and side jambs, space the fasteners approximately 3" from each corner and 12" on center. Use fasteners long enough to penetrate a minimum of 1-1/2" into the framing.

Note: Keep the manufacturer's installation instructions on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.