



# Product Evaluation

DR364 | 0615

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-364

**Effective Date:** June 1, 2015

**Re-evaluation Date:** November 2017

**Product Name:** E-Series Aluminum Clad Wood French Gliding Patio Doors, 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 French Gliding Patio Doors; IG	LC-PG60 72x96 – SD SD-C60 72x96 Missile Level D	+60 / -65 psf
2	E-Series Aluminum Clad Wood French Gliding Patio Doors; Mono	LC-PG60 72x96 – SD SD-C60 72x96 Missile Level D	+60 / -65 psf
3	E-Series Aluminum Clad Wood French Gliding Patio Doors; IG	LC-PG60 95x96 – SD SD-C60 95x96 Missile Level D	+60 / -60 psf

### Component Dimensions:

System	Overall Size	Operating Panel Size	Fixed Panel Size
1	71-3/4" x 96"	37-1/8" x 93"	37-1/8" x 93"
2	71-3/4" x 96"	37-1/8" x 93"	37-1/8" x 93"
3	95-3/4" x 96"	49-1/8" x 93"	49-1/8" x 93"

**Product Identification (Certification Agency Label on Door):**

System		
1, 2, 3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Eagle Window & Door, Inc.
	Product Name	French Gliding Patio Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E 1886-05, ASTM E 1996-05 Missile Level D

**Impact Resistance:**

System	Impact Resistant	Requirement
1	Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the <b>Inland I</b> and <b>Seaward zone</b> . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

**Installation:**

**Option 1:** The wall framing must be minimum Spruce-Pine-Fir dimension lumber. The door assembly must be secured to the wall framing using galvanized steel installation straps (1-5/8" x 12" x 0.040") along the head and each side jamb. The installation straps are secured to the door frame with two (2) No. 8 x 5/8" screws and are secured to the wall framing with two (2) minimum 0.12" diameter smooth shank roofing nails on each side of the strap for a total of four (4) fasteners. The installation straps are required a maximum of 6" from each corner and a maximum of 20" on center. The head is also secured to the wall framing with minimum No. 8 x 2-1/2" screws, two (2) through the operable door head strike plate and one (1) screw located approximately 6" from each corner. The sill is set in silicone sealant. All fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

**Option 2:** The wall framing must be minimum Spruce-Pine-Fir dimension lumber. The door assembly must be secured to the wall framing using the nailing flange along the head and each side jamb. The nailing flange is secured to the wall framing with minimum 0.12" diameter smooth shank roofing nails spaced approximately 6" from each corner and 12" on center. The head is also secured to the wall framing with minimum No. 8 x 2-1/2" screws, two (2) through the operable door head strike plate and one (1) screw located approximately 6" from each corner. The sill is set in silicone sealant. All fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

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