

Product Evaluation

DR741 | 0922

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-741

Effective Date: September 1, 2022

Re-evaluation Date: September 2023

Product Name: A Series Frenchwood Side Hinged Patio Doors with Stormwatch Protection, Outswing, Impact Resistant

Manufacturer: Andersen Corporation
100 Fourth Avenue North
Bayport, MN 55003
(651) 264-5150

General Description:

System	Description	Label Rating	Design Pressure Rating
1	A Series Frenchwood Side Hinged Patio Doors; w/o drop nose sill; X	LC-PG45 (38.1 x 82.4) Missile Level D	+45 / -80 psf
2	A Series Frenchwood Side Hinged Patio Doors; drop nose sill; X	LC-PG65 (38.1 x 82.4) Missile Level D	+65 / -80 psf
3	A Series Frenchwood Side Hinged Patio Doors; w/out drop nose sill; X	LC-PG45 (38.1 x 95.5) Missile Level D	+45 / -70 psf
4	A Series Frenchwood Side Hinged Patio Doors; drop nose sill; X	LC-PG65 (38.1 x 95.5) Missile Level D	+65 / -70 psf
5	A Series Frenchwood Side Hinged Patio Doors; w/out drop nose sill; X	LC-PG45 (75.3 x 82.5) Missile Level D	+45 / -80 psf

General Description (continued):

System	Description	Label Rating	Design Pressure Rating
6	A Series Frenchwood Side Hinged Patio Doors; drop nose sill; X	LC-PG65 (75.3 x 82.5) Missile Level D	+65 / -80 psf

General Description:

System	Description	Label Rating	Design Pressure Rating
7	A Series Frenchwood Side Hinged Patio Doors; w/out drop nose sill; XX	LC-PG45 (75.3 x 95.5) Missile Level D	+45 / -70 psf
8	A Series Frenchwood Side Hinged Patio Doors; drop nose sill; XX	LC-PG65 (75.3 x 95.5) Missile Level D	+65 / -70 psf
9	A Series Frenchwood Side Hinged Fixed Patio Doors; O w/out drop nose sill	LC-PG45 (38.1 x 95.5) Missile Level D	+45 / -80 psf
10	A Series Frenchwood Side Hinged Fixed Patio Doors; drop nose sill; O	LC-PG65 (38.1 x 95.5) Missile Level D	+65 / -80 psf
11	A Series Frenchwood Side Hinged Patio Doors; drop nose sill; X	LC-PG65 (38.1 x 119.5) Missile Level D	+65 / -70 psf
12	A Series Frenchwood Side Hinged Patio Doors; w/out drop nose sill; X	LC-PG45 (38.1 x 119.5) Missile Level D	+45 / -70 psf
13	A Series Frenchwood Side Hinged Patio Doors; drop nose sill; XX	LC-PG55 (75.2 x 119.5) Missile Level D	+55 / -55 psf
14	A Series Frenchwood Side Hinged Patio Doors; w/out drop nose sill; XX	LC-PG45 (75.2 x 119.5) Missile Level D	+45 / - 55 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1-2	38-1/8" x 82-3/8"	36-1/2" x 80-1/2"	N/A
3-4	38-1/8" x 95-1/2"	36-1/2" x 93-3/4"	N/A
5-6	75-1/4" x 82-1/2"	36-1/2" x 79-1/8"	N/A
7-8	75-1/4" x 95-1/2"	36-1/2" x 93-3/4" (2)	N/A
9-10	38-1/8" x 95-1/2"	N/A	27" x 79-1/2"
11-12	38-1/8" x 119-1/2"	36-1/2" x 117-3/4"	N/A
13-14	75-1/4" x 119-1/2"	36-1/2" x 117-3/4" (2)	N/A

Components and Hardware:

System	Component	Quantity	Attachment Method
1-14	Hinges	4	Install hardware in accordance with Andersen Corporation drawing No. AWD062, dated January 13, 2020. Signed and sealed by Hermes F. Norero, P.E. on May 27, 2020.
	Andersen 3-point lock	1 per active panel (Single Doors)	
	Andersen bolt lock	1	
	Andersen 5-point lock	1 per active panel (Double Doors)	
	Andersen 2-point lock	1 per passive panel (Double Doors)	

Product Identification (Certification Label on Door):

System		
1-14	Certification agency	WDMA
	Manufacturer's name	Andersen Corporation
	Product name	A Series Frenchwood Hinged Patio Door-Outswing with Stormwatch Protection
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-13/E1996-14 (Systems 1-4, 7-10) ASTM E1886/E1996-05 (System 5-6) ASTM E1886-05/E1996-12 (System 11-14) Missile Level D

Compliance: The products comply with AAMA/WDMA/CSA 101/I.S.2/A440-17, ASTM E 1886-13a, and ASTM E 1996-14a as referenced in the 2018 IRC and 2018 IBC.

Impact Resistance:

System	Impact Resistant	Requirement
1-14	Yes	These products have been tested for windborne debris resistance. They satisfy Missile Level D requirements specified in ASTM E 1996-14a.

Installation:

System		
1-14	Type of installation	Install in accordance with Andersen Corporation drawing No. AWD062, dated January 13, 2020. Signed and sealed by Hermes F. Norero, P.E. on May 27, 2020.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	

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.