

## Product Evaluation

DR1083 | 0222

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-1083

**Effective Date:** February 1, 2022

**Re-evaluation Date:** September 2023

**Product Name:** A-Series Frenchwood Hinged Patio Doors, Inswing with Stormwatch Protection, Impact Resistant

**Manufacturer:** Andersen Corporation  
100 Fourth Ave.  
Bayport, MN 55003  
(651) 264-5150

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Wood Inswing Door with drop channel sill; X	LC-PG65 (38.1 x 95.5) Missile Level D	+65 / -70 psf
1A	Fixed Wood Inswing Door with drop channel sill; O	LC-PG65 (38.1 x 95.5) Missile Level D	+65 / -70 psf
2	Wood Inswing Door without drop channel sill; X	LC-PG45 (38.1 x 95.5) Missile Level D	+45 / -70 psf
2A	Fixed Wood Inswing Door without drop channel sill; O	LC-PG45 (38.1 x 95.5) Missile Level D	+45 / -70 psf

**General Description:**

<b>System</b>	<b>Description</b>	<b>Label Rating</b>	<b>Design Pressure Rating</b>
3	Wood Inswing Door with drop channel sill; XX	LC-PG65 (75.3 x 95.5) Missile Level D	+65 / -70 psf
4	Wood Inswing Door without drop channel sill; XX	LC-PG45 (75.3 x 95.5) Missile Level D	+45 / -70 psf
5	Wood Inswing Door with drop channel sill; OX/XO	LC-PG65 (75.3 x 95.5) Missile Level D	+65 / -70 psf
6	Wood Inswing Door without drop channel sill; OX/XO	LC-PG45 (75.3 x 95.5) Missile Level D	+45 / -70 psf
7	Wood Inswing Door with drop channel sill; X	LC-PG65 (38.1 x 119.5) Missile Level D	+65 / -70 psf
7A	Fixed Wood Inswing Door with drop channel sill; O	LC-PG65 (38.1 x 119.5) Missile Level D	+65 / -70 psf
8	Wood Inswing Door without drop channel sill; X	LC-PG45 (38.1 x 119.5) Missile Level D	+45 / -70 psf
8A	Fixed Wood Inswing Door without drop channel sill; O	LC-PG45 (38.1 x 119.5) Missile Level D	+45 / -70 psf
9	Wood Inswing Door with drop channel sill; X	LC-PG65 (38.1 x 82.4) Missile Level D	+65 / -80 psf
9A	Fixed Wood Inswing Door with drop channel sill; O	LC-PG65 (38.1 x 82.4) Missile Level D	+65 / -80 psf
10	Wood Inswing Door without drop channel sill; X	LC-PG45 (38.1 x 82.4) Missile Level D	+45 / -80 psf
10A	Fixed Wood Inswing Door without drop channel sill; O	LC-PG45 (38.1 x 82.4) Missile Level D	+45 / -80 psf
11	Wood Inswing Door without drop channel sill; XX	LC-PG50 (75.5 x 119.5) Missile Level D	+50 / -65 psf
12	Wood Inswing Door with drop channel sill; XX	LC-PG45 (75.2 x 119.5) Missile Level D	+45 / -65 psf
13	Wood Inswing Door with drop channel sill; XX	LC-PG65 (75.3 x 82.4) Missile Level D	+65 / -80 psf
14	Wood Inswing Door with drop channel sill; XO/OX	LC-PG65 (75.3 x 82.4) Missile Level D	+65 / -80 psf
15	Wood Inswing Door without drop channel sill; XX	LC-PG45 (75.3 x 82.4) Missile Level D	+45 / -80 psf
16	Wood Inswing Door without drop channel sill; XO/OX	LC-PG45 (75.3 x 82.4) Missile Level D	+45 / -80 psf

**Product Dimensions:**

System	Overall Size	Operable Panel Size	Panel Daylight Opening Size
1, 2	38-1/8" x 95-1/2"	35-3/4" x 92-1/2"	26-7/8" x 79-7/16"
1A, 2A	38-1/8" x 95-1/2"	N/A	26-7/8" x 79-1/2"
3-6	75-1/4" x 95-1/2"	35-3/4" x 92-1/2"	26-7/8" x 79-7/16"
7, 8	38-1/8" x 119-1/2"	35-3/4" x 116-1/2"	26-7/8" x 103-7/16"
7A, 8A	38-1/8" x 119-1/2"	N/A	26-7/8" x 103-7/16"
9, 10	38-1/8" x 82-3/8"	35-3/4" x 79-3/8"	26-7/8" x 66-5/16"
9A, 10A	38-1/8" x 82-3/8"	N/A	26-7/8" x 66-3/8"
11-12	75-1/4" x 119-1/2"	35-3/4" x 116-1/2"	26-7/8" x 103-7/16"
13-16	75-1/4" x 82-3/8"	35-3/4" x 79-3/8"	26-7/8" x 66-3/8"

**Components and Hardware:**

System	Component	Quantity	Attachment Method
1-16	Hinges (Systems 9-10, 13-16)	3 per panel	Install hardware in accordance with drawing No. AWD060, dated August 2, 2012, revised October 6, 2021. Signed and sealed by Hermes F. Norero, P.E. on November 30, 2021.
	Hinges (Systems 1-6)	4 per panel	
	Hinges (Systems 7-8, 11-12)	5 per panel	
	3-point Lock (Doors up to 95-1/2" height)	1 per active door panel (Single Doors)	
	4-point Lock (Doors: 95-1/2" – 119-1/2" height)	1 per active door panel (Double Doors)	
	2-point Lock (All Double Doors)	1 per passive door panel	
	Shoot Bolts (Double Doors)	Head and sill of active and passive door panels	
	Bolt Lock (All Doors)	1 on active door panels	

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

System		
1-4, 9-10A, 13-16	Certification agency	WDMA
	Manufacturer's name or code name	Andersen Corporation
	Product name	A-Series Frenchwood Hinged Patio Door-Inswing with Stormwatch Protection
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886/E1996-05; Missile Level D

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

System		
5-8A, 11-12	Certification agency	WDMA
	Manufacturer's name or code name	Andersen Corporation
	Product name	A-Series Frenchwood Hinged Patio Door-Inswing with Stormwatch Protection
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-05/E1996-12 Missile Level D

**Impact Resistance:**

System	Impact Resistant	Requirement
1-16	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:**

System		
1-16	Type of installation	Install in accordance with drawing No. AWD060, dated August 2, 2012, revised October 6, 2021. Signed and sealed by Hermes F. Norero, P.E. on November 30, 2021.
	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.