

Product Evaluation

DR1119 | 0121

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-1119

Effective Date: January 1, 2021

Re-evaluation Date: January 2025

Product Name: Premium Coastal Aluminum Clad Wood Outswing French Door Narrow Stile Sidelite, Impact Resistant

Manufacturer: Weather Shield Mfg., Inc.
One Weather Shield Plaza
Medford, WI 54451
(715) 748-2100

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Premium Coastal Clad Wood French Door Sidelite w/ Standard Sill EB	CW-PG60 (42 x 120)-SLT Missile Level D	+60 / -60 psf
2	Premium Coastal Clad Wood French Door Sidelite w/ Standard Sill Rectangle	CW-PG60 (42 x 120)-SLT Missile Level D	+60 / -60 psf

Product Dimensions:

System	Overall size	Operable Panel Size	Fixed Panel Daylight Opening Size
1-2	43-3/8" x 120"	40-13/16" x 117-7/8"	35" x 101-15/16"

Product Identification (Certification Label on Door):

System		
1	Certification agency	WDMA
	Manufacturer's name or code name	Weather Shield
	Product name	Model 1606 Premium Coastal Outswing French Door Sidelite w/ Std Sill EB
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-13/E1996-12; Missile Level D
2	Certification agency	WDMA
	Manufacturer's name or code name	Weather Shield
	Product name	Model 1606 Premium Coastal Outswing French Door Sidelite w/ Std Sill Rect
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-13/E1996-12; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-2	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 with an aluminum nailing fin. The nailing fin is secured to the wall framing with No. 6 x 1-5/8" screws spaced approximately 8-10" on center. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Frame-Clip Installation:

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing 1-1/2" x 5-1/2" long, 20-gauge galvanized steel installation clips. Secure the clips to the door frame with four (4) No. 8 x 3/4" PFH screws and to the wall framing with four (4) No. 6 x 1-5/8" screws. Locate the clips approximately 3-4" from each corner and 10-12" on center. 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.