

Product Evaluation

DR1149 | 0421

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-1149

Effective Date: April 1, 2021

Re-evaluation Date: December 2023

Product Name: Series W28-411 and AM30C/EM30C Glazed Wood Inswing Limited Water Side Hinged Doors, Singles with or without Sidelites, Non-Impact Resistant

Manufacturer: Pacific Crest Building Products
4227 South Meridian, C114
Puyallup, WA 98373
(513) 310-1188

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series AM30C/EM30C Glazed Wood Single Door; X	R-PG50 (38 x 82)-LWSHDX	+50 / -50 psf
2	Series W28-411 Glazed Wood Single Door w/ Sidelites; OXO	LC-PG50 (69 x 82)-LWSHDX	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Panel Daylight Opening Size
1	37-3/4" x 81-1/2"	36" x 79"	5-3/8" x 64-1/8"
2	69" x 81-1/2"	42" x 79"	Door & Sidelite: 8" x 12"

Components and Hardware:

- 4" Ball bearing hinges: three required; secure with four No. 9 x 3/4" PFH screws to both the jamb and stile
- Schlage "B" Series (B60/62) dead lock: one required
- 2-1/4" dead lock strike plate: one required; secure with two (2) No. 6 x 3/4" PFH screws
- Schlage "F" Series (F60) knob: one required
- 2-1/4" full lip strike plate: one required; secure with two (2) No. 6 x 3/4" PFH screws

Product Identification (Certification Label on Door):

System		
1	Certification agency	NAMI
	Manufacturer's name or code name	Pacific Crest Building Products
	Product name	AM30C/EM30C Glazed Inswing Wood Door
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-17
2	Certification agency	NAMI
	Manufacturer's name or code name	Pacific Crest Building Products
	Product name	W28-411 Glazed Inswing Wood Door w/ Sidelites
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-17

Impact Resistance:

System	Impact Resistant	Requirement
1-2	No	Provide an impact protective system when installing the product in areas that require windborne debris.

Installation:

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing with No. 8 x 3" flat head screws. Locate the screws along the head and side jambs approximately 3" from each corner and 12" on center. Use two (2) screws through each hinge leaf. The sill was secured to the wall framing with polyurethane. 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.