

Product Evaluation

DR571 | 0921

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-571

Effective Date: September 1, 2021

Re-evaluation Date: July 2023

Product Name: Series 20 EV Glazed Steel Side Hinged Doors, Inswing, Non-Impact Resistant

Manufacturer: Plyco Corporation
500 Industrial Lake Rd.
Elkhart Lake, WI 53020
(920) 876-3611

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 20 EV Single Door w/ deadbolt; Inswing; X	MST: (39.75 x 85.38)	+45 / -45 psf
2	Series 20 EV Single Door w/o deadbolt; Inswing; X	MST: (39.75 x 85.38)	+45 / -45 psf
3	Series 20 EV Single Door w/ deadbolt; Inswing; X	LC-PG30 (52 x 86)-LW SHD	+30 / -30 psf
4	Series 20 EV Single Door w/o deadbolt; Inswing; X	LC-PG30 (52 x 86)-LW SHD	+30 / -30 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Panel Daylight Opening Size
1-2	39-3/4" x 85-3/8"	35-3/4" x 83-1/4"	20-3/4" x 58-3/4"
3-4	51-7/8" x 85-3/8"	47-3/4" x 83-1/8"	20-3/4" x 58-3/4"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-4	Zinc plated steel hinges (System 2)	3	Install in accordance with Plyco drawing No. PCO030, dated February 13, 2020. Signed and sealed by Hermes F. Norero, P.E. on July 15, 2020.
	Stainless steel hinges (System 1)	3	
	Lock: Schlage S51PD Series	1	
	Deadbolt: Schlage B60N SK (optional)	1	
	Lock and deadbolt strike plate	1 each	

Product Identification (Certification Label on Door):

System		
1-2	Certification agency	NAMI
	Manufacturer's name or code name	Plyco Corporation dba Modern Door Corporation
	Product name	Series 20 EV Glazed Inswing Steel Door w/ or w/o Deadbolt
	Test standards	ASTM E330-02/14
3-4	Certification agency	NAMI
	Manufacturer's name or code name	Plyco Corporation dba Modern Door Corporation
	Product name	4070 Series 20 EV Glazed Inswing and Outswing Steel Door w/ or w/o Deadbolt
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-17

Impact Resistance:

System	Impact Resistant	Requirement
1-4	No	Provide an impact protective system when installing the product in areas that require windborne debris.

Installation:

System		
1-4	Type of installation	Install in accordance with Plyco drawing No. PCO030, dated February 13, 2020. Signed and sealed by Hermes F. Norero, P.E. on July 15, 2020.
	Wall framing	
	Fasteners	
	Fastener location/spacing	

	Fastener penetration	
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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.