



Product Evaluation

DR513 | 1016

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-513

Effective Date: October 1, 2016

Re-evaluation Date: November 2020

Product Name: Series 6000 Steel Glazed Inswing Single Side Hinged Doors Non-Impact Resistant

Manufacturer: Kinro Inc.
2423 Messick Road
Goshen, Indiana 46526
(574) 312-6264

General Description:

System	Description	Design Pressure Rating	Drawing Number
1	Series 6000 Steel Glazed Inswing Single Entry Door; (X)	R-PG50 38 x 82-LW-SHD	± 50 psf

Product Dimensions – Doors:

System	Overall Size	Door Panel Size	Daylight Opening Size
1	37-1/2"x 81-5/8"	35-7/8" x 79"	20-7/8" x 34-7/8"

Components and Hardware:

System	Component	Quantity	Attachment Method
1	3-1/2" Butt Hinges Ultra Hardware Series	3	Hinge stile, located 10", 40" and 70" from the bottom rail. a) Hinge to door use # 9 x 1" screws. b) Hinge to Jamb use two # 9 x 5/8" screws in end holes. Use one # 8 x 3" screw in mid hole into wall framing.
	Lockset & Strike Plate EZ-Set Model No. 230498	1	Lock stile 38" form the leaf with adjacent keeper on the jamb. a) Strike plate to jamb use one # 8 x 2" screw and one # 8 x 3" screw into the wall frame.
	Deadbolt cylinder & Strike Plate EZ-Set Bp-200S	1	Lock stile 43" form the bottom rail with adjacent keeper. a) Strike plate to jamb use one # 8 x 2" screw and one # 8 x 3" screw into the wall frame.

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	KIN-10
	Product Name	Series 6000 Inswing Door
	Test Standards	AAMA/WDMA./CSA 101/I.S.2/A440-08

Impact Resistance:

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

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

Installation:

System		
1	Type of Installation	Door Frame
	Wall Framing	Wood (G \geq 0.42) Concrete (minimum 3,000 psi)
	Fasteners	Wood: Minimum # 8 x 3" Concrete: Minimum 1/4" ELCO or ITW concrete screw
	Fastener Embedment	Wood: Minimum of 1.5 inches into the wall framing Concrete: Minimum of 1.75 inches into the concrete
	Side Jamb	From sill at each jamb 9-1/2", 43" and 70".
	Hinges	One through each hinge, one between strikes and two per strike plate

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.