

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION

DR-476

Effective Date: June 1, 2014

Reevaluation Date: **June 2016**

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.

Series 8000 Fiberglass Glazed Inswing Hinged Single Doors, Non-impact Resistant, manufactured by:

Lippert Components, Inc.
d/b/a Kinro Windows
3501 County Road 6 East
Elkhart, Indiana 46514
Telephone: (574) 535-1125

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 8000 Fiberglass Glazed Inswing Single Doors; X	R-PG40 38 x 82 – LW - SHD	+40 / -40 psf

Door Panel Dimensions:

System	Overall Frame Size	Door Panel Size	Door Panel Glazing Size
1	37.75" x 81.75"	35.75" x 78.88"	Nine (9) 6.5" x 11" False Muntin Lites Overall size: 22" x 36"

Hardware:

- 3 ½" butt hinges; Ultra Hardware, brushed chrome, P/N 3357; three required; Each hinge is secured to the door panel with three No. 9 x 1" screws. Each hinge is secured to the door side jambs with three screws, two No. 9 x ⅝" screws utilized at the outermost holes and one No. 6 x 3" screw utilized in the middle hole to secure the door to the wall framing.
- Lockset handle/knob; Tong Lung Metal Industry Co., tulip-style privacy lock, brushed chrome, P/N 3904; one required; The handset strike plate is fastened to the lock jamb with two No. 6 x ½" screws.
- Deadbolt cylinder; Tong Lung Metal Industry Co., single cylinder deadbolt, brushed chrome, P/N 3329; one required; The deadbolt strike plate is fastened to the lock jamb with two No. 6 x ½" screws.

Threshold: Extruded aluminum sill. 6.50" long x 1.70" high.

Product Identification (Certification label on door):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	KIN-18
	Product Name	8000 SHD
	Test Standards	AAMA/WDMA./CSA 101/I.S.2/A440-08

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

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

INSTALLATION INSTRUCTIONS

General: The door assembly shall be installed accordance with the manufacturer's recommended installation instructions and this product evaluation. Detailed installation instructions and drawings are available from the manufacturer.

Installation: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The assembly shall be secured to the wall framing in the following manner:

- **Brickmould:** The brickmould shall be secured to the wall framing members with minimum 2" long brad nails spaced approximately 16 inches on center from the center of the head and side jambs.
- **Hinge Jamb:** The hinge jamb shall be secured to the wall framing members with minimum No. 6 x 3" screws. One screw is required at the middle hole of each hinge.
- **Lock Jamb:** The lock jamb shall be secured to the wall framing members with minimum No. 6 x 3" screws. The fasteners shall be located at the upper corner, between the strike plates, and at the lower corner behind the weatherstripping.

All fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wood wall framing.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.