

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION DR-477

Effective Date: June 1, 2014
Reevaluation Date: **August 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 9000 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 9000 Fiberglass Glazed Inswing Single Doors; X | R-PG60 38 x 82 - LW - SHD | +60 / -60 psf |

Door Panel Dimensions:

| System | Overall Frame Size | Door Panel Size | Glass Daylight Opening Size |
|--------|--------------------|-----------------|--|
| 1 | 37.50" x 81.75" | 35.75" x 79.00" | Door Panel: 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 5/8" screws utilized at the outermost holes and one No. 8 x 3" screw utilized in the middle hole to secure the door to the wall framing.
- Lockset handle/knob; EZ-Set Lock Kit #400 Series, polished brass US-3, P/N 9078; one required.
- Lockset strike plate; EZ-Set Lock Kit #400 Series, polished brass US-3, P/N 9102; one required; Two No. 6 x 2" screws secure the strike plate through the door frame jamb and into the wall framing.
- Deadbolt cylinder; EZ-Set Lock Kit #400 Series; polished brass US-3, P/N 9097; one required.

Hardware (continued):

- Deadbolt strike plate; EZ-Set Lock Kit #400 Series, polished brass US-3, P/N 9112; one required; Two No. 6 x 2" screws secure the strike plate through the door frame jamb and into the wall framing.

Threshold: Extruded aluminum sill with a vinyl base. 5.63" long x 1.38" high.

Product Identification (Certification Agency Label on Door):

| System | | |
|--------|----------------------------------|---------------------------------|
| 1 | Certification Agency | AAMA |
| | Manufacturer's Name or Code Name | KIN-18 |
| | Product Name | 9000 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 assemblies shall be installed in 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 Southern Yellow Pine dimension lumber. The door frame head and side jambs are secured to the wall framing using the integral nailing flange with minimum No. 10 screws. The fasteners are spaced approximately 2 ½ inches from each corner, approximately 7 ½ inches on center along each side jamb, and approximately 6 ½ inches in center along the head. The deadbolt and lockset strike plates shall be secured to the wall framing with two (2) No. 6 x 2" screws. Each hinge is secured to the wall framing members with one minimum No. 8 x 3" screw. The screw is required at the middle hole of each hinge. 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.