Product Evaluation

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-418

Effective Date: July 1, 2015
Re-evaluation Date: January 2019

Product Name: Wood Glazed Inswing Hinged Double Doors, Non-Impact Resistant

Manufacturer: Bevel King Door & Glass Company
5455 Guhn Road
Houston, TX 77040
(713) 460-0045

General Description:

System	Description	Label Rating and Design Pressure Rating
1	Wood Glazed Inswing Hinged Double Doors; Configurations: X, XX	+50 / -50 psf Maximum Size Tested: 6'2" x 8'1"

Product Dimensions:

System	Overall Size	Door Panel Size	Door Panel Glass Daylight Opening Size
1	74" x 97"	Active: 36" x 96" Passive: 37" x 96"	21" x 66"

Hardware:

- 4" x 4" butt hinges; four required per door panel; each hinge is secured to the door panel with four No. 8 x 1" Philips flat head screws. Each hinge is secured to the door side jambs with four No. 8 x 1" Philips flat head screws.

- Passage lock; CALLAN GR2 100T-SA-G2 (Delany Hardware); one required on active door panel.

Hardware (continued):

- Passage lock strike plate; One required on passive door panel; Secured using two, No. 6 x 5/8" Philips flat head screws.
- Deadbolt; CALLAN 200S (Delany Hardware); One required on active door panel.
- Deadbolt strike plate; One required on passive door panel; Secured with two, No. 8 x 3/4" Philips flat head screws.
- Surface bolts; Both door panels; 8" bolts at the bottom and 6" bolts at the top; Each secured to the door panel with four 1/4" x 1-1/4" Philips slotted pan head machine bolts with washer
- Surface bolt top strike plate; Located on the door frame head; Secured with two No. 10 x 1-1/4" Philips flat head screws.
- Surface bolt bottom strike plate; Located on the door frame sill; Secured with two No. 6 x 3/4" Philips flat head screws.

Threshold: Hydrosill Series 5000 by Schlegel; 1-1/2" high

Product Identification (Certification Label on Door):

System		
1, 2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Bevel King Door & Glass Company
	Product Name	Glazed Wood In-Swing Double Entry Door
	Test Standards	ASTM E 330-02 (10)

Impact Resistance:

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

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

Installation: Use minimum Southern Yellow Pine dimension lumber for the wall framing. Secure the doors to the wall framing using the frame of the door with minimum No. 8 x 2-1/4" Philips flat head screws. Along the head and sill, locate the fasteners approximately 3" from each side jamb, at the centerline, and at the mid span of the active and inactive panel. Along each side jamb, locate the fasteners approximately 3" from the head and sill and approximately 18" on center. The fasteners must be placed approximately 6" from each corner and 16" on center along the perimeter of the window. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

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