



Product Evaluation

DR744 | 1215

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-744

Effective Date: December 1, 2015

Re-evaluation Date: December 2019

Product Name: 6'-8" Plastpro and 7'-0" Therma-Tru Opaque Fiberglass Entry Doors with KABA Locks, Inswing and Outswing, Singles, Impact Resistant

Manufacturer: Kaba Access and Data Systems
2941 Indiana Avenue
Winston-Salem, NC 27105
(800) 849-8324

General Description:

System	Description	Design Pressure Rating	Drawing Number
1	3'-0" x 6'-8" Plastpro Opaque Fiberglass Single Door; Outswing; (X)	Outswing +60/-60 psf	TX-4522
2	3'-0" x 7'-0" Therma-Tru Opaque Fiberglass Single Door; Inswing; (X)	Inswing +65/-75 psf	TX-4522
3	3'-0" x 7'-0" Therma-Tru Opaque Fiberglass Single Door; Inswing/Outswing; (X)	Inswing +65/-75 psf Outswing +65/-65 psf	TX-4523

Product Dimensions – Doors:

System	Overall Size	Panel Size
1	Outswing: 37.5" x 81.1875"	Door: 35.75" x 79.25"
2	Inswing 37.5" x 86"	Door: 35.75" x 83.25"
3	Inswing 37.5" x 86" Outswing: 37.5" x 84.5"	Door: 35.75" x 83.25"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-2	4" Butt Hinges	3	Hardware must be installed in accordance with KABA drawings TX-4522, dated January 7, 2015, signed and sealed by Lyndon F. Schmidt, P.E. on November 18, 2015.
	KABA InSync™ D RFID Deadbolt Lock with any Knob/Latch	1 each	
3	4" Butt Hinges	3	Hardware must be installed in accordance with KABA drawings TX-4523, dated January 7, 2015, signed and sealed by Lyndon F. Schmidt, P.E. on November 18, 2015.
	KABA InSync™ I RFID Interconnected Lock	1 each	

Product Identification (Manufacturer Label on Door):

System		
1	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	KABA
	Product Name	3'-0" x 6'-8" Plastpro Opaque Fiberglass Single Door; Outswing; (X)
	Drawing	TX-4522
	Test Standards	ASTM E 330-02, E 1886-05/1996-06
2	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	KABA
	Product Name	3'-0" x 7'-0" Therma-Tru Opaque Fiberglass Single Door; Inswing; (X)
	Drawing	TX-4522
	Test Standards	ASTM E 330-02, E 1886-05/1996-06
3	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	KABA
	Product Name	3'-0" x 7'-0" Therma-Tru Opaque Fiberglass Single Door; Inswing/Outswing; (X)
	Drawing	TX-4523
	Test Standards	ASTM E 330-02, E 1886-05/1996-06

Impact Resistance:

System	Impact Resistant	Requirement
1-3	Yes	The doors satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the doors at any height on the structure that does not exceed the design pressure rating for the assemblies.

Installation:

System				
1-3	Type of Installation	Door Frame		
	Wall Framing	Wood (G≥0.42)		
	Fasteners	Minimum No. 10 PFH wood screws		
	Fastener Embedment	Wood: Minimum of 1.15 inches into the wall framing		
	Fastener Location/Spacing	Head	The doors must be installed and anchored in accordance with KABA drawings TX-4522 & TX-4523, dated January 7, 2015, signed and sealed by Lyndon F. Schmidt, P.E. on November 18, 2015.	
		Sill		
Side Jamb				
Hinges				

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.