

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION DR-680

Effective Date: May 1, 2014
Reevaluation Date: **January 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 GTD3 Thermal Aluminum Outswing Terrace Doors, Impact Resistant, manufactured by

Peerless Products Inc.
2403 S. Main
Ft. Scott, Kansas 66701
Telephone: (620) 233-4610
www.peerlessproducts.com

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series GTD3 Thermal Aluminum Outswing Terrace Doors; (X)	Design Pressure: ± 100 psf Maximum Size Tested: 42" x 93" AAMA 506	± 100 psf

Component Dimensions:

System	Overall Size	Panel Size	Daylight Opening Size
1	42" x 93"	40 $\frac{3}{16}$ " x 90 $\frac{3}{16}$ "	31 $\frac{7}{16}$ " x 82 $\frac{1}{2}$ "

Hardware:

System	Component	Quantity	Attachment Method
1	4" Butt Hinges	3	Secured to the door and frame with 1/4 -20 bolts.
	Lock and deadbolt strike plate	1 per lockset and deadbolt	Secured with two No. 10 x 2" screws in each strike plate.
	Giesse Door Lock Handle	1	Located at 35" from the bottom and the lock action is attached to the lock stile.
	G-series adjustable strike plate	1 per lockset and deadbolt	Secured with two No. 10 x 2" screws in each strike plate.

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	PP
	Product Name	Series GTD3 Thermal Aluminum Outswing Terrace Doors;
	Test Standards	AAMA/WDMA/CSA 101/IS2/A440-08; AAMA 506

Impact Resistance:

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

Installation:

System			
1	Type of Installation	Door Frame	
	Wall Framing	Southern Yellow Pine	
	Fasteners	Minimum No. 12 x 2 1/2" Screws	
	Fastener Embedment	Minimum of 1 1/2 inches into the wall framing	
	Fastener Location/Spacing	Head	The fasteners are located 3 inches from each corner and spaced a maximum of 12 inches on center thereafter. If the sill is secured to concrete, minimum 3/16" diameter concrete anchors shall be used. The fastener spacing shall be the same as for wood framing. The concrete fasteners shall have a minimum penetration of 1 1/4 inches into the concrete.
		Sill	
		Side Jamb	
Hinges	Refer to the hardware section.		

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.