

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-282

Effective Date: October 1, 2012
Reevaluation Date: **April 2013**

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 6000-4T Aluminum 90-Degree/135-Degree Sliding Glass Doors, Reinforced and Nonreinforced, Non-impact Resistant manufactured by

WinDoor Incorporated
7500 Amsterdam Drive
Orlando, Florida 32832
Telephone: (407) 481-8400
www.windowinc.com

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 6000-4T; Aluminum 90/135 Degree Sliding Glass Door; Nonreinforced, (PXXXX/XXXX)	SGD-C35 240 x 240 x 120	± 35
2	Series 6000-4T; Aluminum 90/135 Degree Sliding Glass Door; Reinforced, (PXXXX/XXXX)	SGD-C45 240 x 240 x 120	± 45

Component Dimensions:

System	Maximum Overall Door Size	Maximum Panel Size
1	240" x 240" x 120"	63 $\frac{3}{32}$ " x 118 $\frac{5}{16}$ "
2	240" x 240" x 120"	63 $\frac{3}{32}$ " x 118 $\frac{5}{16}$ "

Components and Hardware:

System	Components and Hardware
1-2	The glass panels, hardware and components shall be installed in accordance with WinDoor Incorporated drawings 08-01602, sheets 1 – 7 of 7, dated May 16, 2012, signed and sealed by Luis R. Lomas, P.E. on September 5, 2012.

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	WinDoor Inc. CAR 167-186.0
	Product Name	Series 6000-4T 90/135 Degree Sliding Door
	Test Standards	AAMA 101/IS2/A440-05
2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	WinDoor Inc. CAR 167-187.0
	Product Name	Series 6000-4T 90/135 Degree Reinforced Sliding Door
	Test Standards	AAMA 101/IS2/A440-05

Impact Resistance:

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

Installation:

System		
1-2	Type of Installation	Door Frame
	Wall Framing	Wood (Spruce-Pine-Fir); Concrete (minimum compressive strength of 3,192 psi).
	Fasteners	Wood: No. 14 wood screw; Concrete: 1/4" diameter
	Fastener Embedment	Wood: Minimum of 1 5/8 inches into the wall framing; Concrete: Minimum of 1 1/4 inches into the wall framing.
	Fastener Location/Spacing	The doors shall be installed in strict accordance with this product evaluation report and WinDoor Incorporated drawings 08-01602, sheets 1 – 7 of 7, dated May 16, 2012, signed and sealed by Luis R. Lomas, P.E. on September 5, 2012.

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.