

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION
WIN-1684

Effective Date: November 1, 2012
Reevaluation Date: **May 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 4000 Aluminum Twin Single Hung Windows, 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 4000 Aluminum Twin Single Hung Windows; Continuous Head and Sill	H-R120 107 x 72	± 120

Component Dimensions:

System	Overall Window Size	Active Sash Size	Fixed Lite Daylight Opening Size
1	107" x 72"	Two: 51 1/2" x 37 1/4"	Two: 48 1/4" x 30 5/8"

Product Identification:

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	167-728
	Product Name	4000 Twin Aluminum Single Hung Comb Ass'y
	Test Standards	ANSI/AAMA/WDMA 101/I.S.2-97

Impact Resistance:

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

Installation:

Design Drawings: The windows shall be installed in accordance with Drawing No. 08-01436, titled "4000 Twin Aluminum Single Hung Window Non-Impact," sheets 1 through 5 of 5, dated January 3, 2012, signed

and sealed by Luis R. Lomas., P.E on September 24, 2012. The stated drawings will be referred to as the approved drawings in this evaluation report.

Wall Framing Construction: The windows may be mounted to several types of wall framing construction. The types of wall framing construction allowed include:

- Concrete (minimum compressive strength: 3,192 psi)
- Hollow concrete block; ASTM C-90, Grade N, Type 1 (or greater)
- Wood dimension lumber (minimum Spruce-Pine-Fir)
- Steel (18 gauge, 33 ksi)
- Aluminum (6063-T5 , minimum 0.125")

Installation:

- Refer to Sheet 1 of 5 of the approved drawings for the anchor layout and notes.
- Refer to Sheets 2 of 5 through and 5 of 6 of the approved drawings for installation details.
- The approved drawings indicate the minimum embedment depths for the fasteners and the minimum edge distances (minimum distance fastener must be from the edge of the substrate material) for the fasteners.

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.