

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
WIN-1715

Effective Date: February 1, 2013
Reevaluation Date: **August 2014**

*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.

Model 9030 TB Aluminum Removable Sash Fixed 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 (psf)
1	Model 9030 TB Aluminum Removable Sash Fixed Window; (O)	FW-AW150 60 x 120	± 150
2	Model 9030 TB Aluminum Removable Sash Fixed Window; (O)	FW-AW150 90 x 80	± 150
3	Model 9030 TB Aluminum Removable Sash Fixed Triple Mulled; (O/O/O)	FW-AW80 145 x 98	± 80
4	Model 9030 TB Aluminum Removable Sash Fixed Triple Mulled; (O/O/O)	FW-AW60 145 x 120	± 60
5	Model 9030 TB Aluminum Removable Sash Fixed Triple Mulled; (O/O/O)	FW-C90 145 x 120	+90, -120
6	Model 9030 TB Aluminum Removable Sash Fixed Triple Mulled; (O/O/O)	FW-C90 145 x 98	+90, -150

Product Dimensions:

System	Overall Size
1	60" x 120"
2	90" x 80"
3	145 $\frac{3}{16}$ " x 120" (Three: 46" x 117 $\frac{3}{32}$ ")
4	145 $\frac{3}{16}$ " x 98" (Three: 46" x 95 $\frac{3}{32}$ ")
5	145 $\frac{3}{16}$ " x 120" (Three: 46" x 117 $\frac{3}{32}$ ")
6	145 $\frac{3}{16}$ " x 98" (Three: 46" x 95 $\frac{3}{32}$ ")

Product Identification (Certification Agency Label on Window):

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	WinDoor, Inc. CAR 167-450
	Product Name	9030 Aluminum Fixed
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	WinDoor, Inc. CAR 167-451
	Product Name	9030 Aluminum Fixed
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
3	Certification Agency	Keystone
	Manufacturer's Name or Code Name	WinDoor, Inc. CAR 167-456
	Product Name	9030 Aluminum Imp Triple Fixed Muled Ass'y
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
4	Certification Agency	Keystone
	Manufacturer's Name or Code Name	WinDoor, Inc. CAR 167-455
	Product Name	9030 Aluminum Imp Triple Fixed Muled Ass'y
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
5	Certification Agency	Keystone
	Manufacturer's Name or Code Name	WinDoor, Inc. CAR 167-453
	Product Name	9030 Aluminum Imp Triple Fixed Muled Ass'y
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
6	Certification Agency	Keystone
	Manufacturer's Name or Code Name	WinDoor, Inc. CAR 167-454
	Product Name	9030 Aluminum Imp Triple Fixed Muled Ass'y
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/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	Replacement – Through Frame	
1-6	Type of Installation	Wood (Spruce-Pine-Fir); Concrete (minimum compressive strength of 2,000 psi); Masonry (ASTM C-90); Steel (2X Backed (SPF), 20 gauge (0.039" min), 33 ksi)
	Fasteners	Wood: No. 12 wood screw; Concrete: ¼" diameter Tapcons; Metal: No.12 wood screws
	Fastener Location/Spacing	The windows shall be installed in strict accordance with this product evaluation report and WinDoor Incorporated drawings 08-01113, sheets 1 – 11 of 11, dated May 04, 2011, signed and sealed by Luis R. Lomas, P.E. on January 03, 2013.
	Fastener Penetration	Wood: Minimum of 1 5/8 inches into the wall framing; Concrete: Minimum of 1 ¼ inches into the concrete/masonry wall; Metal (2X wood Backed): Minimum of 1 5/8 inches into the wall framing

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.