

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION

WIN-1895

Effective Date: May 1, 2014

Reevaluation Date: **October 2015**

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 225 Aluminum Horizontal Sliding Windows, New Construction, Non-Impact Resistant, manufactured by

Window Technology, Inc.

201 Industrial Blvd.

Monett, MO 65708

Telephone: (417) 235-7821

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Model 225 Aluminum Horizontal Sliding Windows; (XO)	LC-PG25 46x27-HS	+25, -50 psf
2	Model 225 Aluminum Horizontal Sliding Windows; (XO)	LC-PG25 44x48-HS	+25, -50 psf
3	Model 225 Aluminum Horizontal Sliding Windows; (XO)	LC-PG25 71x56-HS	±25 psf

Product Dimensions:

System	Overall Size	Maximum Daylight Opening Size
1	46" x 27"	20.63" x 23.5"
2	48" x 48"	21.63" x 44.5"
3	71" x 56"	33.13" x 52.5"

Product Identification (Certification Agency Label on Window):

System	Certification Agency	Keystone
1	Manufacturer's Name or Code Name	Window Technology, Inc. 872
	CAR & Product ID	872-109.0
	Product Name	Series 225 Aluminum Horizontal Slider
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Product Identification (Certification Agency Label on Window):

System		
2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	Window Technology, Inc. 872
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3	Certification Agency	Keystone
	Manufacturer's Name or Code Name	Window Technology, Inc. 872
	CAR & Product ID	872-104.0
	Product Name	Series 225 Aluminum Horizontal Slider
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

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

Installation:

System		
1-3	Type of Installation	New Construction – Nailing Fin
	Wall Framing	Spruce-Pine-Fir or Steel Studs (minimum 0.033" thick, ASTM A653 Grade 33, Fy=33 ksi, Fu=45 ksi)
	Fasteners	Wood: Minimum No. 8 Screw Steel: Minimum ¼ -14 HWH Tek Screw
	Fastener Location/Spacing	One located 2 inches from each corner and approximately 4 ½ inches on center along the perimeter
	Fastener Penetration	Wood: Minimum of 1 ½ inches into the wall framing members. Steel: Minimum of 3 threads must extend past the steel framing.
	Drawings	The windows shall be installed in accordance with Wintech Model 225 Aluminum Horizontal Slider Window, Non-impact drawings TX-4326, sheets 1 through 5 of 5, dated May 23, 2013, signed and sealed by Lyndon F. Schmidt, P.E. on March 18, 2014.

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.