

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-1243

Effective Date: May 1, 2014

Reevaluation Date: **April 2017**

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.

Integrity All Ultrex Fiberglass Single Hung Windows, Non-impact Resistant, manufactured by

Integrity from Marvin Windows and Doors

1320 9th Street NE

West Fargo, North Dakota

Telephone: (800) 587-2712

General Description:

System	Description	Label Rating	Design Pressure Rating
1	All Ultrex Series Fiberglass Single Hung Window	LC-PG50 29.5 x 59.5	± 50 psf
2	All Ultrex Series Fiberglass Single Hung Window; Reverse Cottage	LC-PG30 29.5 x 71.5	± 30 psf
3	All Ultrex Series Fiberglass Single Hung Window; Cottage	LC-PG30 29.5 x 71.5	± 30 psf
4	All Ultrex Series Fiberglass Single Hung Window; Equal	LC-PG40 29.5 x 77.68	± 40 psf
5	All Ultrex Series Fiberglass Single Hung Window; Cottage	LC-PG25 29.5 x 77.5	± 25 psf
6	All Ultrex Series Fiberglass Single Hung Window; Reverse Cottage	LC-PG25 29.5 x 77.5	± 25 psf
7	All Ultrex Series Fiberglass Single Hung Window	LC-PG50 35.5 x 59.5	± 50 psf
8	All Ultrex Series Fiberglass Single Hung Window; Cottage	LC-PG30 35.5 x 71.5	± 30 psf
9	All Ultrex Series Fiberglass Single Hung Window; Reverse Cottage	LC-PG30 35.5 x 71.5	± 30 psf
10	All Ultrex Series Fiberglass Single Hung Window	LC-PG40 35.5 x 77.68	± 40 psf
11	All Ultrex Series Fiberglass Single Hung Window	LC-PG40 41.5 x 65.5	± 40 psf
12	All Ultrex Series Fiberglass Single Hung Window	LC-PG50 47.5 x 47.5	± 50 psf
13	All Ultrex Series Fiberglass Single Hung Window	LC-PG40 47.5 x 59.5	± 40 psf

General Description (continued):

System	Description	Label Rating	Design Pressure Rating
14	All Ultrex Series Fiberglass Single Hung Window; Reverse Cottage	LC-PG25 47.5 x 77.5	± 25 psf
15	All Ultrex Series Fiberglass Single Hung Window	LC-PG30 47.5 x 77.68	± 30 psf
16	All Ultrex Series Fiberglass Single Hung Window; Cottage	LC-PG30 47.5 x 77.5	± 30 psf

Product Dimensions:

System	Overall Size	Operating Sash Size	Fixed Sash Glass Daylight Opening Size
1	29.50" x 59.50"	27.25" x 29.00"	24.56" x 26.31"
2	29.50" x 71.50"	27.25" x 28.31"	24.56" x 41.69"
3	29.50" x 71.50"	27.25" x 41.69"	24.56" x 25.63"
4	29.50" x 77.56"	27.25" x 38.09"	24.69" x 35.41"
5	29.50" x 77.50"	27.25" x 45.28"	24.69" x 28.03"
6	29.50" x 77.50"	27.25" x 30.69"	24.56" x 42.59"
7	35.50" x 59.50"	33.25" x 29.00"	30.56" x 26.31"
8	35.50" x 71.50"	33.25" x 41.69"	30.56" x 25.63"
9	35.50" x 71.50"	33.25" x 28.31"	30.56" x 39.00"
10	35.50" x 77.69"	32.25" x 38.09"	30.56" x 35.41"
11	41.50" x 65.50"	39.25" x 32.00"	36.56" x 29.31"
12	47.50" x 47.50"	45.50" x 23.00"	42.56" x 20.31"
13	47.50" x 59.50"	45.25" x 29.00"	42.56" x 26.31"
14	47.50" x 77.50"	45.25" x 30.72"	42.56" x 42.59"
15	47.50" x 77.69"	45.25" x 38.09"	42.56" x 35.41"
16	47.50" x 77.50"	45.25" x 45.28"	42.56" x 28.03"

Product Identification (Certification Agency Label on Window):

System	Certification Agency	WDMA
1-16	Manufacturer's Name or Code Name	Integrity from Marvin Windows and Doors
	Product Name	Integrity All Ultrex Single Hung
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11; 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: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using the window flange with minimum 2" long 12 gauge smooth shank roofing nails. The fasteners are located approximately 6 inches from each corner and approximately 8 inches on center. All fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing members.

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.