



Product Evaluation

WIN646 | 1114

Engineering Services Program

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.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-646

Effective Date: November 1, 2014

Re-evaluation Date: February 2015

Product Name: Series 8120 and Series 8130 Vinyl Horizontal Slider Replacement Windows, Individual, Non-Impact Resistant

Manufacturer: Ply Gem Window Group
433 N. Main Street
Rocky Mount, VA 24151
(540) 484-6463

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 8120; Individual Vinyl Horizontal Slider Replacement Windows; (OX)	HS-LC50 72 x 36	± 50 psf
2	Series 8120; Individual Vinyl Horizontal Slider Replacement Windows; (OX)	HS-LC25 72 x 72	± 25 psf
3	Series 8130; Individual Vinyl Horizontal Slider Replacement Windows; (XOX)	HS-LC30 108 x 66	± 30 psf
4	Series 8130; Individual Vinyl Horizontal Slider Replacement Windows; (XOX)	HS-LC50 108 x 48	± 50 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	72.00" x 36.00"	35.50" x 33.38"	31.13" x 32.50"
2	72.00" x 72.00"	35.50" x 70.00"	32.13" x 67.25"
3	108.00" x 66.00"	Two: 28.50" x 63.25"	51.25" x 61.00"
4	108.00" x 48.00"	Two: 26.50" x 45.38"	51.19" x 43.13"

Product Identification (Certification Agency Label on Window):

System		
1-2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	PWG-M-023
	Product Name	Series 8120
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
3-4	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Plygem PWG-M-023
	Product Name	Series 8130
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

System	Impact Resistant	Requirement
1-4	No	Provide an impact protective system when installing the product in areas that require windborne debris.

Installation:

System		
1-4	Type of Installation	Through Jamb
	Wall Framing	Southern Pine
	Fasteners	Minimum No. 8 Screws
	Fastener Location/Spacing	Approximately 4" from each corner and approximately 12" on center through the head and both jambs; place the sill in a bed of silicone.
	Fastener Penetration	Minimum of 1-1/2" into the wall framing members

Note: The manufacturer's installation instructions must be available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.