



Product Evaluation

WIN990 | 0215

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-990

Effective Date: February 2015

Re-evaluation Date: January 2017

Product Name: Series 4720F and 4730F Aluminum Horizontal Sliding Windows, Non-Impact Resistant

Manufacturer: Ply Gem Window Group
615 Carson Street
Bryan, TX 77802
(979) 779-7770

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 4720F Aluminum Horizontal Sliding Window; (XO)	HS-R35 74 x 63	+35/-45 psf
2	Series 4720F Aluminum Horizontal Sliding Window; (XO)	HS-R50 72 x 48	+50/-67 psf
3	Series 4730F Aluminum Horizontal Sliding Window; (XOX)	HS-R30 119-1/4 x 59-1/4	±30 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening
1	74" x 63"	36-3/16" x 60-1/4"	34-5/8" x 58-7/16"
2	72" x 48"	33-15/16" x 44-1/2"	33-15/16" x 44-1/2"
3	119-1/4" x 59-1/4"	Two (2); 41" x 56-1/4"	35-3/4" x 56-1/4"

Product Identification (Certification Label on Window):

System		
1, 2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	PWG-M-015 (BTX)
	Product Name	Series 4720F Aluminum Horizontal Slider Window
	Test Standards	AAMA/NWWDA 101/I.S.2-97
3	Certification Agency	NAMI
	Manufacturer's Name or Code Name	PWG-M-015 (BTX)
	Product Name	Series 4730F Aluminum Horizontal Slider Window
	Test Standards	AAMA/NWWDA 101/I.S.2-97

Impact Resistance:

System	Impact Resistant	Requirement
1, 2, 3	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1	Type of Installation	New Construction (Fin Installation)
	Wall Framing	Spruce-Pine-Fir Wood Framing
	Fasteners	8d (min 0.113" dia.) galvanized ring shank nails
	Fastener Location/Spacing	Perimeter Nailing Fin/ minimum 3" from each corner and approximately 12" on center
	Fastener Penetration	Minimum 1-1/2" into wood framing
2, 3	Type of Installation	New Construction (Fin Installation)
	Wall Framing	Spruce-Pine-Fir Wood Framing
	Fasteners	8d (min 0.113" dia.) galvanized ring shank nails
	Fastener Location/Spacing	Perimeter Nailing Fin/ approximately 6" from each corner and approximately 14" on center
	Fastener Penetration	Minimum 1-1/2" into wood framing

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