

Product Evaluation

WIN990 | 1220

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: December 1, 2020

Re-evaluation Date: December 2024

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

Manufacturer: Ply Gem Windows & Doors
433 North Main St.
Rocky Mount, VA 24151
(800) 542-9118 ext. 413596

General Description:

| System | Description | Label Rating | Design Pressure Rating |
|--------|-------------------------------------------------------|-------------------------|------------------------|
| 1 | Series 4720F Aluminum Horizontal Sliding Windows; OX | HS-R35 (74 x 63) | +35 / -45 psf |
| 2 | Series 4730F Aluminum Horizontal Sliding Windows; XOX | HS-R30 (119.25 x 59.25) | +30 / -30 psf |
| 3 | Series 4720F Aluminum Horizontal Sliding Windows; XO | HS-R50 (72 x 48) | +50 / -67 psf |

Product Dimensions:

| System | Overall Size | Operable Sash Size | Fixed Sash Daylight Opening Size |
|--------|--------------------|---------------------|----------------------------------|
| 1 | 74" x 63" | 36-3/16" x 60-1/4" | 34-5/8" x 58-7/16" |
| 2 | 119-1/4" x 59-1/4" | 41" x 56-1/2" (2) | 35-3/4" x 56-1/4" |
| 3 | 72" x 48" | 33-15/16" x 44-1/2" | 33-15/16" x 43-3/8" |

Product Identification (Certification Label on Window)

| System | | |
|--------|----------------------|------------------------------------------------------------------------------------------------|
| 1, 3 | Certification Agency | NAMI |
| | Code Name | PWG-M-015 (BTX) |
| | Product Name | 4720F Single Slider |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-05 (System 1) AAMA/WDMA/CSA 101/I.S.2/A440-08,11,17 (System 3) |
| 2 | Certification Agency | NAMI |
| | Code Name | PWG-M-015 (BTX) |
| | Product Name | 4730F Single Slider |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-08,11,17 |

Impact Resistance:

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

Installation:

| System | | |
|--------|---------------------------|-------------------------------------------|
| 1 | Type of Installation | Nail Fin Installation |
| | Wall Framing | Spruce-Pine-Fir dimension lumber |
| | Fasteners | 3-1/2" long ring shank roofing nails |
| | Fastener Location/Spacing | 3" from each corner and 12" on center |
| | Fastener Penetration | Minimum of 1-1/2" into the wall framing |
| 2-3 | Type of Installation | Nail Fin Installation |
| | Wall Framing | Spruce-Pine-Fir dimension lumber |
| | Fasteners | 8d (2-1/2") long ring shank roofing nails |
| | Fastener Location/Spacing | 6" from each corner and 14" on center |
| | Fastener Penetration | Minimum of 1-1/2" into the wall framing |

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