

## Product Evaluation

WIN1946 | 0524

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-1946

**Effective Date:** May 1, 2024

**Re-evaluation Date:** July 2025

**Product Name:** Builder Series 1101 Vinyl Fixed Windows, Fin and Frame 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	Builder Series 1101 Vinyl Fixed Windows	LC-PG50 (72 x 72)-FW	+50 / -55 psf
2	Builder Series 1101 Vinyl Fixed Windows	R-PG40 (60 x 96)-FW	+40 / -60 psf
3	Builder Series 1101 Vinyl Fixed Windows	R-PG30 (72 x 84)-FW	+30 / -35 psf
4	Builder Series 1101 Vinyl Fixed Windows	R-PG50 (72 x 72)-FW	+50 / -50 psf

**Product Dimensions:**

System	Overall Size	Fixed Sash Daylight Opening Size
1	72" x 71-15/16"	67-3/16" x 67-3/16"
2	60" x 96"	55-5/16" x 67"
3	72" x 84"	67-5/16" x 79"
4	71-1/2" x 71-1/2"	67" x 67"

**Product Identification (Certification Label on Window):**

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	PWG-M-001 (BTX)
	Product Name	1101/1101FL
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17
2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	PWG-M-001 (BTX or DAL))
	Product Name	1101 / 1101N
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17
3	Certification Agency	NAMI
	Manufacturer's Name or Code Name	PWG-M-001 (BTX)
	Product Name	1101 / 1101N
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17
4	Certification Agency	NAMI
	Manufacturer's Name or Code Name	PWG-M-001 (BTX or PTC)
	Product Name	1101 / 1101N
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17

**Impact Resistance:**

System	Impact Resistant	Requirement
1	No	These products have not been tested for windborne debris resistance. An impact protection system is required when installing this product in areas where windborne debris protection is required.

**Installation:****Frame Installation (Systems 1):**

Fasten the assembly to minimum Southern Yellow Pine dimension lumber. Secure the assembly to the wall framing using vinyl installation clips snapped to the exterior of the frame with minimum No. 8 x 1-1/2" screws. Along the head and sill, locate the fasteners approximately 4" from each corner and approximately 16" on center along the perimeter with a (4") clip centered on each fastener. Install a continuous clip on the jambs. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

**Nail Fin Installation (System 2-4):**

Fasten the assembly to minimum Southern Yellow Pine dimension lumber. Secure the assembly to the wall framing using the nailing fin with minimum No. 11 x 2-1/2" screws. Locate the fasteners approximately 3" from each corner and approximately 12" on center along the perimeter of the assembly. The fasteners must be long enough to penetrate a 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.