

## Product Evaluation

DR621 | 0822

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:** DR-621

**Effective Date:** August 1, 2022

**Re-evaluation Date:** August 2026

**Product Name:** Series 4880 Aluminum Sliding Glass Doors, Frame Installation, Non-Impact Resistant

**Manufacturer:** Ply Gem Windows & Doors  
433 North Main Street  
Rocky Mount, VA 24151  
(614) 532-3596

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 4880 Aluminum Sliding Glass Doors (XXXX)	LC-PG50 (186 x 96)	+50 / -50 psf

### Product Dimensions:

System	Overall Size	Operable Panel Size
1	185-5/8" x 95-3/4"	48-3/4" x 94-1/4" (4)

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

System		
1	Certification agency	NAMI
	Manufacturer's name or code name	PWG-M-165 (BTX)
	Product name	4880 Patio Door
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

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

**Installation:**

The wood wall framing members must be minimum Southern Yellow Pine dimension lumber. The door assembly is secured to the wall framing with two (2) staggered rows of No. 10 screws. Locate the screws approximately 6" from each corner and 20" on center full perimeter. Hook strip frame closure secured to the wall framing with silicone and No. 10 screws. Locate the screws approximately 6" from each corner and 20" on center at the interior and 9" from each corner and 20" on center at exterior. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

**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.