



# Product Evaluation

DR536 | 1115

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-536

**Effective Date:** November 1, 2015

**Reevaluation Date:** November 2016

**Product Name:** Builder Series 1181/5700 Vinyl Sliding Glass Doors, Non-impact Resistant

**Manufacturer:** Ply Gem Windows  
615 Carson Street  
Bryan, TX 77802  
(800) 999-8400

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Builder Series 1181/5700 Vinyl Sliding Glass Doors; XO	SGD-R35 72 x 82	+35 / -40 psf
2	Builder Series 1181/5700 Vinyl Sliding Glass Doors; XO	SGD-R30 96 x 82	+30 / -30 psf

### Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Glass Daylight Opening Size
1	71-1/2" x 81-1/2"	35-5/8" x 78-7/8"	35-5/8" x 78-13/16"
2	95-1/2" x 81-9/16"	47-1/2" x 78-7/8"	47-5/8" x 78-7/8"

### Product Identification (Certification Agency Label on Door):

System		
1, 2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	PWG-M-060 (BTX)
	Product Name	4780 Patio Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

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

**Installation:** Fasten the door to minimum Southern Yellow Pine dimension lumber using the nail fin on the door frame. Secure the nail fin to the wall framing with minimum No. 8 modified truss head screws. Space the fasteners approximately 3" from each corner and approximately 6" on center along the perimeter of the door. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall framing.

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