



# Product Evaluation

DR395 | 0516

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-395

**Effective Date:** May 1, 2016

**Re-evaluation Date:** June 2018

**Product Name:** Premium Atlantic Vinyl (3800) Sliding Patio Doors, Non-Impact Resistant

**Manufacturer:** JELD-WEN Windows & Doors  
3737 Lakeport Blvd.  
Klamath Falls, OR 97601  
(800) 535-3936  
www.jeld-wen.com

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Vinyl Pocket SGD; XXXX	LC-PG50 190x96-SD	+50 / -50psf
2	Vinyl Bypass SGD; OXXX	LC-PG50 191x96-SD	+50 / -50 psf
3	Vinyl SGD; OX	R-PG50 72x80-SD	+50 / -65 psf

### Product Dimensions:

System	Overall Size	Largest Panel Size	Glass Daylight Opening Size
1	190-1/8" x 95-1/2"	48-5/8" x 92-7/8"	41-1/4" x 85-3/4"
2	190-5/8" x 95-1/2"	48-5/8" x 92-7/8"	41-1/4" x 85-3/4"
3	72" x 80"	36-1/2" x 76-7/8"	29-1/4" x 69-3/4"

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

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-19
	Product Name	Premium Atlantic Vinyl Pocket SGD
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-19
	Product Name	Premium Atlantic Vinyl Pocket SGD
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-19
	Product Name	Premium Atlantic Vinyl SGD
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**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:** Use minimum Southern Yellow Pine dimension lumber for the wall framing. The assembly is secured to the wall framing using No. 10 PFH screws. Along the head and the sill, secure the frame with two rows of fasteners spaced approximately 5" from each corner and 18" on center. Along the right side jamb, secure the frame with two rows of fasteners spaced approximately 5" from each corner and 17" on center. Along the hook strip, secure the frame with one row of fasteners spaced approximately 5" from each corner and 17" on center. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall framing.

**System 2:** Use minimum Southern Yellow Pine dimension lumber for the wall framing. The assembly is secured to the wall framing using No. 10 PFH screws. Along the head and the sill, secure the frame with two rows of fasteners spaced approximately 5" from each corner and 18" on center. Along each side jamb, secure the frame with two rows of fasteners spaced approximately 5" from each corner and 17" on center. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall framing.

**System 3:** Use minimum Spruce-Pine-Fir dimension lumber for the wall framing. The assembly is secured to the wall framing using No. 10 PPH screws. Along the head and the sill, secure the nailing fin with fasteners spaced approximately 5-3/4" from each corner and 14" on center. Along each side jamb, secure the nailing fin with fasteners spaced approximately 5-3/4" from each corner and 12" on center. At each side jamb interior track pocket, secure the frame with fasteners located 19-1/2" and 59" from the head. At the head and sill interior track pocket, secure the frame with fasteners located approximately 32-3/4" and 38-3/4" from each corner. Use fasteners 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, the IBC, and the Texas Revisions.