

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION
 WIN-1351

Effective Date: January 1, 2014
 Reevaluation Date: **March 2017**

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.

Premium Atlantic Vinyl 8100 Single Hung Windows, Individual and Muller, Non-Impact Resistant, manufactured by

JELD-WEN Windows & Doors
3737 Lakeport Blvd.
Klamath Falls, Oregon 97601
Telephone: (541) 882-3451

General Description:

System	Description	Label Rating	Design Pressure Rating (psf)
1-2	Premium Atlantic Vinyl 8100 Single Hung Window; O/X	LC-PG65 52 x 75-H	+65/-70
3, 4	Premium Atlantic Vinyl 8100 Single Hung Window; O/X	LC-PG65 36 x 72-H	+65/-70
5	Premium Atlantic Vinyl 8100 Single Hung Window; O/X.O/X.O/X	LC-PG50 159 x 75-H AAMA 450	+50/-50

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Daylight Opening Size
1, 2	52.13" x 75.00"	49.38" x 37.25"	48.63" x 34.00"
3, 4	36.00" x 72.00"	33.25" x 34.75"	29.88" x 32.50"
5	158.75" x 75.00"	Three: 49.38" x 37.25"	Three: 48.63" x 34.00"

Product Identification:

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-7
	Product Name	PAV SH (FIN)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-7
	Product Name	PAV SH (FLANGE)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Product Identification (Continued):

System		
3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-7
	Product Name	PAV SH FIN
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
4	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-7
	Product Name	PAV SH FLANGE
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
5	Certification Agency	AAMA
	Manufacturer's Name or Code Name	JW-19
	Product Name	PAV TRIPLE SH
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation:

Systems 1 and 2: The windows shall be installed in accordance with Drawing No. NCTL210-3876-1-TDI, titled "Premium Atlantic Vinyl Single Hung Window," sheet 1 of 1 and Sheet 1 through 3 of 3, dated July 16, 2013, signed and sealed by Alexis Spyrou, P.E on August 2, 2013.

Systems 3 and 4: The windows shall be installed in accordance with Drawing No. NCTL210-3877-1-TDI, titled "Premium Atlantic Vinyl Single Hung Window," sheet 1 of 1 and Sheet 1 through 3 of 3, dated June 25, 2013, signed and sealed by Alexis Spyrou, P.E on August 2, 2013.

System 5: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wood wall framing members through the nail fin with minimum No. 10 screws. Along the head and sill of each window, the fasteners shall be located approximately 3 inches from each end and one (1) at the mid span. Along the side jambs of the window assembly (right and left window), the fasteners shall be located approximately 4 inches from each end and approximately 16 $\frac{3}{4}$ inches on center. Along each vertical mullion, the window side jamb is secured to the mullion with minimum No. 10 x 1" screws spaced approximately 6 inches from each end and approximately 8 inches on center. The fasteners shall be long enough to penetrate a minimum of 1 $\frac{1}{2}$ inches into the wall framing members.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.