

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION

WIN-1314

Effective Date: September 1, 2013

Reevaluation Date: **May 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.

Series 120 Vinyl Single Hung Windows, Individual and Muller, New Construction, Non-impact, manufactured by

Atrium Windows and Doors

9001 Ambassador Row

Dallas, TX 75247

Telephone: (214)637-2696

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 120 Vinyl Single Hung	R-PG40-1219x2438 (48x96)-H	± 40
2	Series 120 Vinyl Single Hung	R-PG45*-1219x2134 (48x84)-H	± 45
3	Series 120 Vinyl Single Hung	R-PG50-1219x1829 (48x72)-H	± 50
4	Series 120 Vinyl Single Hung Cont. Head and Sill Twin	R-PG40-2438x2134 (96x84)-H	± 40
5	Series 120 Vinyl Single Hung Cont. Head and Sill Triple	R-PG40*-2743x2134 (108x84)-H	± 40
6	Series 120 Vinyl Single Hung Cont. Head and Sill Triple	R-PG50*-2743x1829 (108x72)-H	± 50

Product Dimensions:

System	Overall Size
1	48" x 96"
2	48" x 84"
3	48" x 72"
4	96" x 84" Twin
5	108" x 84" Triple
6	108" x 72" Triple

Product Identification:

System		
1-6	Certification Agency	AAMA
	Manufacturer's Name or Code Name	ADW-1
	Product Name	Series 120 Vinyl Single Hung
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

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

Installation:

System		
1-6	Type of Installation	Fin/ New Construction
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No. 8 Screws
	Fastener Location/Spacing	The fasteners are located a maximum of 2" from the corners and spaced a maximum of 8" o.c. thereafter around the perimeter of the frame.
	Fastener Penetration	Minimum of 1 ½ inches into the wall framing members
	Drawing Reference	Refer to drawing entitled "Atrium Series 120 Single Hung Fin Installation Drawing", dated 9/14/2009, for an illustration of the installation requirements.

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.