

Product Evaluation

WIN94 | 0621

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: WIN-94

Effective Date: June 1, 2021

Re-evaluation Date: April 2024

Product Name: Series 0500 (Models 0502, 0502 HP, 0503, 0509) Vinyl Horizontal Sliding Windows, Frame Installation, Non-Impact Resistant

Manufacturer: Associated Materials, Inc.
3773 State Road
Cuyahoga Falls, OH 44223
(330) 922-5350

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 0500, Model 0502 Vinyl Horizontal Sliding Window; XX	R-PG50 (72 x 36)-HS	+50 / -50 psf
2	Series 0500, Model 0502 Vinyl Horizontal Sliding Window; XX	LC-PG30 (72 x 48)-HS	+30 / -45 psf
3	Series 0500, Model 0502 Vinyl Horizontal Sliding Window; XX	LC-PG30 (72 x 56)-HS	+30 / -35 psf
4	Series 0500, Model 0502 Vinyl Horizontal Sliding Window; XX	LC-PG25 (84 x 68)-HS	+25 / -25 psf

General Description:

System	Description	Label Rating	Design Pressure Rating
5	Series 0500, Model 0502 HP Vinyl Horizontal Sliding Window; XX	R-PG45 (60 x 60)-HS	+45 / -45 psf
6	Series 0500, Model 0502 HP Vinyl Horizontal Sliding Window; XX	R-PG45 (74 x 50)-HS	+45 / -45 psf
7	Series 0500, Model 0503 Vinyl Horizontal Sliding Window; XOX 1/4-1/2-1/4	R-PG45 (84 x 36)-HS	+45 / -45 psf
8	Series 0500, Model 0503 Vinyl Horizontal Sliding Window; XOX 1/4-1/2-1/4	R-PG35 (108 x 48)-HS	+35 / -40 psf
9	Series 0500, Model 0503 Vinyl Horizontal Sliding Window; XOX 1/4-1/2-1/4	R-PG30 (108 x 56)-HS	+30 / -30 psf
10	Series 0500, Model 0509 Vinyl Horizontal Sliding Window; XOX 1/3-1/3-1/3	R-PG35 (108 x 48)-HS	+35 / -40 psf
11	Series 0500, Model 0509 Vinyl Horizontal Sliding Window; XOX 1/3-1/3-1/3	R-PG30 (108 x 56)-HS	+30 / -30 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	72" x 36"	35-3/8" x 31-3/8"	N/A
2	72" x 48"	35-3/8" x 43-3/8"	N/A
3	72" x 56"	35-3/8" x 51-3/8"	N/A
4	84" x 68"	41-3/8" x 63-3/8"	N/A
5	60" x 60"	29-3/8" x 55-3/8"	N/A
6	74" x 50"	36-3/8" x 45-3/8"	N/A
7	84" x 36"	21-7/8" x 31-3/8"	37-1/8" x 27-3/4"
8	108" x 48"	26-7/8" x 43-3/8"	49-1/8" x 39-5/8"
9	108" x 56"	26-7/8" x 51-3/8"	49-1/8" x 47-5/8"
10	108" x 48"	36" x 43-3/8"	32-1/4" x 39-5/8"
11	108" x 56"	36" x 51-3/8"	32-1/4" x 47-5/8"

Product Identification (Certification Label on Window):

System		
1-4	Certification Agency	AAMA
	Manufacturer's Name or Code Name	AMI-05
	Product Name	0502/0602/A502 HS
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
5-6	Certification Agency	AAMA
	Manufacturer's Name or Code Name	AMI-05
	Product Name	0502HP/0602HP/A502HP HS
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
7-9	Certification Agency	AAMA
	Manufacturer's Name or Code Name	AMI-05
	Product Name	0503/0603/A503 HS
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
10-11	Certification Agency	AAMA
	Manufacturer's Name or Code Name	AMI-05
	Product Name	0509/0609/A509 HS
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1-11	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1-4	Type of Installation	Install in accordance with drawing No. TX-5105, dated August 24, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on April 26, 2021.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
5-6	Type of Installation	Install in accordance with drawing No. TX-5108, dated August 24, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on April 26, 2021.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
7-9	Type of Installation	Install in accordance with drawing No. TX-5106 dated August 24, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on April 26, 2021.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

Installation:

System	
10-11	Type of Installation
	Wall Framing
	Fasteners
	Fastener Location/Spacing
	Fastener Penetration
Install in accordance with drawing No. TX-5107, dated August 24, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on April 26, 2021.	

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.