



Product Evaluation

WIN2065 | 0116

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-2065 **Effective Date:** January 1, 2016
Re-evaluation Date: April 2018

Product Name: Series 35/235 Vinyl Horizontal Sliding Windows, Fin and Frame Installation, Individual, Impact Resistant

Manufacturer: Atrium Windows & Doors
9001 Ambassador Row
Dallas, TX 75247
(214) 637-2696

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 35/235 Vinyl Horizontal Sliding Windows; XO	LC-PG55 73 X 63-HS AAMA 506 Missile Level D	+55 / -55 psf
2	Series 35/235 Vinyl Horizontal Sliding Windows; XOX	LC-PG55 126 X 50-HS AAMA 506 Missile Level D	+55 / -55 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Lite Glass Daylight Opening Size
1	73" x 63"	35-13/16" x 59-13/16"	32-7/8" x 58-9/16"
2	126" x 49-5/8"	Two: 41-9/16" x 46-1/2"	38-3/8" x 45-1/4"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	ADW-8
	Product Name	Series 35/235 Horizontal Slider (S46)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 506; Missile Level D
2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	ADW-8
	Product Name	Series 35/235 Horizontal Slider (S56)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 506; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation:

System		
1, 2	Type of Installation	Install the windows in accordance with Drawing No.ATR080, titled "Series 35/235 Horizontal Sliding Window," sheets 1 through 5 of 5, dated June 24, 2014, signed and sealed by Alex Spyrou, P.E on August 7, 2014.
	Wall Framing	
	Fasteners	
	Fasteners (Window Frame)	
	Fastener Location/Spacing	
	Fastener Penetration	

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