



Product Evaluation

WIN2125 | 0417

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-2125

Effective Date: April 1, 2017

Re-evaluation Date: April 2020

Product Name: Series 9050 Vinyl Horizontal Slider Windows, Impact Resistant

Manufacturer: Shwinco Architectural Products, LLC
171 Jet Services Way
Dothan, AL 36303
(334) 556-1000

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 9050 Vinyl Horizontal Slider Windows; OX	HS-C55 76 x 74 Missile Level D	+55 / -55 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Glass Daylight Opening Size
1	76" x 74"	35-1/2" x 68-7/8"	34" x 69-3/8"

Product Identification (Certification Agency Label on Window):

System	Product Identification (Certification Agency Label on Window):	
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Shwinco Architectural Products LLC
	Product Name	9050 Vinyl Impact Rated Horizontal Slider Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05 ASTM E1886-02/05, ASTM E 1996-02/05 Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	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: Use minimum Southern Yellow Pine dimension lumber for the wall-framing members. Secure windows to the wall framing using the nail fin with minimum No. 12-gauge (0.12") smooth shank roofing nails. Locate fasteners approximately 3" from each corner and 8" on center along the perimeter of the window. In addition, the head, and side jambs are secured to the wall framing with minimum No. 8 x 2-1/2" Philips flat head screws spaced approximately 3" from each corner and 11-1/2" on center. In addition, the sill is secured to the wall framing with minimum 4" x 1" x 0.065" galvanized steel installation clips. The installation clip is twist fit to the outside wall of the window frame sill and faces towards the interior side of the window. Each clip is secured to the wall framing with one, minimum No. 8 Philips flat head screw. The clips are spaced approximately 3" from each corner and 11-1/2" on center. The fasteners must be 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.