

Product Evaluation

WIN2313 | 1221

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-2313

Effective Date: December 1, 2021

Re-evaluation Date: August 2024

Product Name: Series 2050/2051 Vinyl Garden Window, Frame Installation, Non-Impact Resistant

Manufacturer: Ventana USA
6001 Enterprise Drive
Export, PA 15632
(724) 325-3400

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 2050/2051 Vinyl Garden Window	R-PG50 (60 x 61 x 22)-GW	+50 / -50 psf

Product Dimensions:

System	Overall Size	Fixed Sash Daylight Opening Size
1	60-13/16" x 61"	Front Fixed: 52-15/16" x 41-15/16"
		Top Fixed: 52-15/16" x 17-3/4"
		Sash: 9-5/8" x 49"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 10-127
	Product Name	2050/2051 Garden Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

Impact Resistance:

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

Installation (One of the Following):

System		
1	Type of Installation	Frame Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8 x 2-1/2" drywall screws
	Fastener Location/Spacing	6" from each corner and one at the midspan along the perimeter
	Fastener Penetration	Minimum of 1-1/2" into the wall framing
	Type of Installation	Frame Installation
	Wall Framing	Concrete Masonry
	Fasteners	Minimum 3/16" Tapcon screws
	Fastener Location/Spacing	6" from each corner and one at the midspan along the perimeter
	Fastener Penetration	Minimum 1-1/4" into the wall framing
	Type of Installation	Frame Installation
	Wall Framing	Steel Stud
	Fasteners	Minimum No. 10-16 TEKS screws
	Fastener Location/Spacing	6" from each corner and one at the midspan along the perimeter
	Fastener Penetration	Minimum penetration of 3 pitches of thread beyond the steel stud

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.