

Product Evaluation

WIN2122 | 0220

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 1-800-248-6032.

Evaluation ID: WIN-2122

Effective Date: February 1, 2020

Re-evaluation Date: February 2024

Product Name: Endura Series 110 Vinyl Single Hung Window, Fin and Frame Installation, Non-Impact Resistant

Manufacturer: Vistamark Enterprises, LLC
3637 North Hwy 77 Suite C
Waxahachie, TX 76165
(972) 676-8677

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Endura 110 Vinyl Single Hung Window w/ Reinforcement; (O/X)	LC-PG50 (36 x 60)-H	+50 / -75 psf
2	Endura 110 Vinyl Oriel Single Hung Window w/ Reinforcement; (O/X)	LC-PG50 (48 x 75)-H	+50 / -55 psf
3	Endura 110 Vinyl Oriel Single Hung Window w/ Reinforcement; (O/X)	LC-PG50 (36 x 72)-H	+50 / -65 psf
4	Endura 110 Vinyl Single Hung Window w/ Reinforcement; (O/X)	LC-PG50 (48 x 75)-H	+40 / -45 psf
5	Endura 110 Vinyl Oriel Single Hung Window w/ Reinforcement; (O/X)	LC-PG35 (48 x 108)-H	+35 / -40 psf

General Description:

System	Description	Label Rating	Design Pressure Rating
6	Endura 110 Vinyl Oriel Single Hung Window w/ Reinforcement; (O/X)	LC-PG50 (48 x 84)-H	+50 / -55 psf

Product Dimensions:

System	Overall Size	Sash Size	Fixed Glass Daylight Opening Size
1	35-1/2" x 59-1/2"	33-1/4" x 29-3/8"	30-1/2" x 26"
2	48" x 75"	45-3/4" x 29-3/4"	31-1/8" x 38-1/4"
3	36" x 72"	33-3/4" x 29-5/8"	30-1/2" x 35"
4	48" x 75"	45-3/8" x 36-1/2"	43-1/8" x 33-3/4"
5	48" x 108"	45-13/16" x 29-5/8"	43-1/8" x 74-1/8"
6	48" x 84"	45-13/16" x 30-5/16"	43-1/8" x 49-9/16"

Product Identification (Certification Label on Window):

System		
1, 4	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Vistamark Enterprises, LLC
	Product Name	Endura Series/Model 110 Vinyl Single Hung Window w/Reinforcement
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08/11
2, 3, 5	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Vistamark Enterprises, LLC
	Product Name	Endura Series/Model 110 Vinyl Oriel Single Hung Window w/Reinforcement
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11/08
6	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Vistamark Enterprises, LLC
	Product Name	Endura 110 Vinyl Oriel Single Hung Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11/08

Impact Resistance:

System	Impact Resistant	Requirement
1-6	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

Installation:

System		
1-5	Type of Installation	Install products in accordance with Vistamark Enterprises, LLC drawing No. 08-02763, dated July 31, 2015; Rev A dated July 16, 2019. Signed and sealed by Luis R. Lomas P.E. on July 16, 2015.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
6	Type of Installation	Nail Fin Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 8 x 5/8" PH screws
	Fastener Location/Spacing	Approximately 6" from each corner and 12" on center along the perimeter
	Fastener Penetration	Minimum of 1-1/2" into the wall framing
6	Type of Installation	Frame Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 8 PH screws
	Fastener Location/Spacing	Approximately 6" from each corner and 12" on center along the side jambs
	Fastener Penetration	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 and the IBC.