



# Product Evaluation

WIN2122 | 0916

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-2122

**Effective Date:** September 1, 2016

**Re-evaluation Date:** May 2019

**Product Name:** Endura Series 110 Vinyl Single Hung Window, Non-Impact.

**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 (O/X)	LC-PG50 36x60-H	+75 / -75 psf
2	Endura /110 Vinyl Single Hung Window (O/X)	LC-PG40 48x75-H	+40 / -45 psf
3	Endura /110 Oriel Vinyl Single Hung Window (O/X)	LC-PG50 36x72-H	+60 / -60 psf
4	Endura /110 Oriel Vinyl Single Hung Window (O/X)	LC-PG50 48x75-H	+50 / -55 psf
5	Endura /110 Oriel Vinyl Single Hung Window (O/X)	LC-PG35 48x108-H	+35 / -40 psf

**Product Dimensions:**

System	Overall Size	Glass Daylight Opening Size
1	36" x 60"	30-1/2" x 26"
2	48" x 75"	43-1/8" x 33-3/4"
3	36" x 72"	30-1/2" x 26-3/8"
4	48" x 75"	43" x 41-1/4"
5	48" x 108"	43-1/8" x 74-1/8"

**Product Identification (Certification Label on Window):**

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

System		
1 - 5	Type of Installation	New Construction (Fin) & Replacement (Frame)
	Wall Framing	Spruce-Pine-Fir Dimension lumber
	Fasteners	FIN: No. 8 screws – Replacement: No. 10
	Fastener Location/Spacing	Install fasteners as per Vistamark Enterprises LLC drawing No. 08-02763 dated 07/31/2015 signed and sealed by Luis R. Lomas P.E. on 08/03/2015.
	Fastener Penetration	Minimum 1-3/8" 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.