Product Evaluation

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-1230

Effective Date: December 1, 2016
Re-evaluation Date: December 2020

Product Name: E140 Executive, X140 Energy Master, H140 Traditions, N140 Construction Pro, P140 Solar, W140 Presidential Slider, Vinyl Horizontal Sliding Windows, Fin and Finless Installation, Non-Impact Resistant

Manufacturer: NT Window, Inc.
4949 Rendon Road
Fort Worth, TX 76140
(800) 969-8830

General Description:

System	Description	Label Rating	Design Pressure Rating
1	E140 / H140 / P140 / N140 / W140 / X140 Vinyl Horizontal Sliding Windows, Aluminum Reinforced, Fin-Mount; (XX)	LC-PG45 64 x 48 - HS	± 45 psf
2	E140 / H140 / P140 / W140 / X140 Vinyl Horizontal Sliding Windows, Aluminum Reinforced, Finless-Mount; (XX)	LC-PG45 64 x 48 - HS	± 45 psf
3	E140 / H140 / P140 / N140 / W140 / X140 Vinyl Horizontal Sliding Windows, Aluminum Reinforced, Fin-Mount; (XX)	LC-PG35 72 x 60 – HS	± 35 psf
4	E140 / H140 / P140 / W140 / X140 Vinyl Horizontal Sliding Windows, Aluminum Aluminum Reinforced, Finless-Mount; (XX)	LC-PG40 72 x 60 - HS	± 35 psf
5	E140 / H140 / P140 / W140 / X140 Vinyl Horizontal Sliding Windows, Aluminum Aluminum Reinforced, Finless-Mount; (XOX)	LC-PG30 108 x 60 - HS	± 30 psf

Product Dimensions:

System	Overall Size	Sash Opening Size	Glass Daylight Opening Size
1	64" x 48"	31-1/4" x 44-3/8"	28-1/2" x 41-5/8"
2	64" x 48"	31-1/4" x 44-3/8"	28-1/2" x 41-5/8"
3	72" x 60"	35-1/4" x 56-1/4"	32-1/2" x 53-1/2"
4	72" x 60"	35-1/4" x 56-1/4"	32-1/2" x 53-1/2"
5	108" x 60"	53-1/8" x 56-1/4"	50-3/8" x 53-3/8"

Product Identification (Certification Label on Window):

System		
1,3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	NT-1
	Product Name	E140/H140/P140/N140/W140/X140 HS (Fin)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
2,4,5	Certification Agency	AAMA
	Manufacturer's Name or Code Name	NT-1
	Product Name	E140/H140/P140/W140/X140 HS (Finless)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

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: Window assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

Installation:

System		
1,3	Type of Installation	Nail Fin Installation
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 6 x 2" SS Wood Screws (minimum)
	Fastener Location/Spacing	**Nailing Fin.** Drive fasteners through the nail fin at 1" from each corner then every 3". **Sill.** 3" both sides of the keeper rail. Two on each side 2-1/2" apart.
	Fastener Penetration	Minimum 1-1/2" penetration into framing

Installation: (continued)

System		
2,4,5	Type of Installation	Finless Installation
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 6 x 2" SS Wood Screws (minimum)
	Fastener Location/Spacing	**Head and Sill.** Drive fasteners 7" from each corner then every 16". **Jambs.** Drive fasteners 7" from each corner then every 16".
	Fastener Penetration	Minimum 1-1/2" penetration into 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.