

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION

WIN-972

Effective Date: November 1, 2013

Reevaluation Date: **February 2017**

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.

**E110 Executive, X110 Energy Master, H110 Traditions, P110 Solar Pro, N110 Construction Pro, W110 Presidential Vinyl Single Hung Windows, Replacement Construction, Non-Impact Resistant,** manufactured by

**NT Window, Inc.**  
**4949 Rendon Road**  
**Fort Worth, Texas 76140**  
**Telephone: (800) 969-8830**

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	E110 Executive, X110 Energy Master, H110 Traditions, P110 Solar Pro, N110 Construction Pro, W110 Presidential Vinyl Single Hung Windows	LC-PG45 54 x 77-H	± 45 psf

### Product Dimensions:

System	Overall Size	Interior Sash Size	Fixed Sash Daylight Opening Size
1	54" x 77"	50.69" x 37.69"	48.69" x 34.81"

### Product Identification (Certification Agency Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	NT-1
	Product Name	E110/X110/H110/P110/N110/W110 SH
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

### Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

**Installation:**

System		
1	Type of Installation	Replacement Construction – Frame
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No. 8 Screws
	Fastener Location/Spacing	Along the head, the fasteners are spaced 17 inches from each interior frame corner. Along each side jamb, the fasteners are located approximately 2 inches from each interior frame end and approximately 17 inches on center along the interior frame.
	Fastener Penetration	Minimum of 1 ½ inches into the wall framing members

**Note:** The manufacturer’s installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.