

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION

WIN-310

Effective Date: October 1, 2013

Reevaluation Date: **March 2016**

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.

**Series 5100 Vinyl Horizontal Slider Windows, Individual, New and Replacement Construction, Non-Impact Resistant**, manufactured by

**Don Young Company**  
8181 Ambassador Row  
Dallas, Texas 75247  
Telephone: (214) 630-0934

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 5100 Vinyl Horizontal Slider Windows	LC-PG35 72x48-HS	± 35 psf
2	Series 5100 Vinyl Horizontal Slider Windows	LC-PG25 84x60-HS	± 25 psf

### Product Dimensions:

System	Overall Size	Sash Size	Daylight Opening Size
1	72.00" x 48.00"	35.25" x 45.13"	38.69" x 54.63"
2	84.00" x 60.00"	41.81" x 57.06"	32.75" x 42.63"

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

System		
1, 2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	DY-1
	Product Name	Series 5100 HS
	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 and 2:**

**Nailing Fin (New Construction):** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window shall be mounted to the wood wall framing members using the nailing fin of the window with minimum No. 8 screws. The fasteners shall be located approximately 6 inches from each corner and approximately 12 inches along the perimeter of the window frame. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing members.

**System 1:**

**Frame (Replacement Windows):** The wood wall framing members shall be minimum Southern Yellow Pine lumber. The window shall be mounted to the wood wall framing members using the window frame of the window with minimum No. 10 x 2 ½" screws. Along each side jamb, a minimum of three (3) fasteners are required, evenly spaced. Along the head, a minimum of three (3) fasteners are required, evenly spaced. The fasteners shall be long enough to penetrate a 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.