

# TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104  
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## PRODUCT EVALUATION

WIN-869

Effective Date: February 1, 2014  
Reevaluation Date: **September 2015**

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 8700 Vinyl Horizontal Slider Windows, Replacement Construction, Non-impact Resistant,** manufactured by

### Silver Line Building Products

Route One North

P.O. Box 6029

North Brunswick, New Jersey 08902

Telephone: (732) 435-1000

and distributed under the following trade names:

### Silver Line

American Craftsman (Home Depot)

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 8700 Vinyl Horizontal Slider Windows; OX	LC-PG50 73 x 63	+50 / -50 psf
2	Series 8700 Vinyl Horizontal Slider Windows; XX	R-PG40 73 x 48	+40 / -40 psf

### Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Size
1	73.00" x 63.00"	36.00" x 59.50"	36.00" x 59.50"
2	73.00" x 48.00"	Two: 36.00" x 44.50"	N/A

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

System		
1, 2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Silver Line Windows
	Product Name	8700 Sliding Window Vinyl
	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:** The assembly shall be fastened to minimum Spruce-Pine-Fir dimension lumber. The assembly shall be secured to the wall framing using the frame of the assembly with minimum No. 10 screws. Along the head and side jambs, the fasteners are used in pairs and are located approximately 4 inch from each corner and at the mid span. In addition an aluminum strap (12" x 4" x 0.075") is snap-fit to the window sill and secured through the clip into the wall framing with four No., 8 x 1 1/2" screws. All fasteners shall be long enough to penetrate a minimum of 1 1/2 inches into the wall framing members.

**System 2:** The assembly shall be fastened to minimum Spruce-Pine-Fir dimension lumber. The assembly shall be secured to the wall framing using the frame of the assembly with minimum No. 10 screws. Along the head, the fasteners are used in pairs and are located approximately 17 inch from each corner. Along each side jamb, the fasteners are used in pairs and are located approximately 5 inch from each corner and at the mid span. In addition an aluminum strap (13 1/2" x 5" x 0.075") is snap-fit to the window sill and secured through the clip into the wall framing with four No., 8 x 1 1/2" screws. All fasteners shall be long enough to penetrate a minimum of 1 1/2 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.