

# TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104  
Phone No. (512) 322-2212 Fax No. (512) 463-6693

## PRODUCT EVALUATION

WIN-828

Effective Date: April 1, 2014  
Reevaluation Date: **December 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 9500 Vinyl Double Windows, Replacement Construction, Impact Resistant**, manufactured by

### Silver Line Building Products

Route One North

P.O. Box 6029

New Brunswick, New Jersey 08902-6029

Telephone: (732) 435-1000, Ext. 4027

and distributed under the following trade names:

### Silver Line

American Craftsman (Home Depot)

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 9500 Vinyl Double Hung Windows	R-PG65 36 x 63 Missile Level D	± 65 psf
2	Series 9500 Vinyl Double Hung Windows	R-PG50 54 x 75 Missile Level D	± 50 psf

### Product Dimensions:

System	Overall Size	Top Sash Size	Bottom Sash Size
1	36.00" x 63.00"	32.13" x 28.13"	32.50" x 32.38"
2	53.25" x 75.00"	49.13" x 38.88"	49.50" x 38.88"

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

System		
1, 2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Silver Line Windows
	Product Name	9500 Double Hung – Impact
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886-05; ASTM e 1996-05; Missile Level D

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**Impact Resistance:**

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the <b>Inland I</b> and <b>Seaward zone</b> . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

**Installation:**

**System 1:** The wall framing shall be minimum Southern Yellow Pine dimension lumber. The window is secured to the wall framing using the frame of the window. Along the head and the sill, minimum No. 8 x 2" pan head screws are required, located 5.5 inches from each corner and at the mid span. Along each interior side jamb track, minimum No. 8 x 2" pan head screws are required, located 2.25 inches and 33 inches from the sill. Along each interior side jamb track, minimum No. 10 x 2.5" pan head screws are required, located 33.5 inches and 34.5 inches from the sill. Along each side jamb, a minimum No. 8 x 2" pan head screw is required, located 2 inches from the head. All fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing members.

**System 2:** The wall framing shall be minimum Southern Yellow Pine dimension lumber. The window is secured to the wall framing using the frame of the window. Along the head and the sill, minimum No. 8 x 2" pan head screws are required, located 4.5 inches from each corner and at the mid span. Along each interior side jamb track, minimum No. 8 x 2" pan head screws are required, located 38.5 inches and 39.5 inches from the sill. Along each interior side jamb track, minimum No. 10 x 2.5" pan head screws are required, located 40.25 inches and 44.25 inches from the sill. Along each exterior side jamb track, minimum No. 10 x 2.5" pan head screws are required, located 33.75 inches, 35.75 inches, and 39.00 inches from the sill. Along each side jamb, a minimum No. 8 x 2" pan head screw is required, located 2 inches from the head. All 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.