

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-829

Effective Date: April 1, 2014

Reevaluation Date: **July 2014**

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 70 Vinyl Fixed Windows, New and 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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 70 Vinyl Fixed Windows	R-PG50 53 x 73-FW Missile Level D	± 50 psf

Product Dimensions:

System	Overall Size	Daylight Opening Size
1	53.00" x 73.00"	48.70" x 68.67"

Product Identification (Certification Agency Label on Window):

System	Certification Agency	WDMA
1	Manufacturer's Name or Code Name	Silver Line Windows
	Product Name	Casement Fixed/Picture
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886-05; ASTM E 1996-05; Missile Level D

Impact Resistance:

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone . 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 (One of the Following Options):

Option 1 (New Construction): The wall framing shall be minimum Spruce-Pine-Fir dimension lumber. The window is secured to the wall framing using the integral nailing fin of the window with minimum No. 8 x 2" screws. The fasteners shall be spaced approximately 1 inch from each corner and approximately 5 inches on center along the perimeter of the window. All fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing members.

Option 2 (Replacement Construction): The wall framing shall be minimum Spruce-Pine-Fir dimension lumber. The window is secured to the wall framing using the frame of the window with minimum No. 8 x 2" screws. Along the head and side jambs, the fasteners shall be spaced approximately 6 inch from the corners and approximately 15 to 17 inches on center. 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.