

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION WIN-899

Effective December 1, 2007

*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 shall be subject to reevaluation 3 years after the effective date.*

*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 715 Vinyl Fixed Windows, Non-impact Resistant, manufactured by:**

**Showcase Custom Vinyl Windows and Doors**  
**A product of ENLIGHT Industries, LLC**  
**4902 Gulf Freeway**  
**Houston, TX 77023**  
**Telephone: (713) 926-8500**

will be acceptable in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

## PRODUCT DESCRIPTION

The Series 715 window is a vinyl fixed window. The vinyl fixed windows evaluated in this report are individual, non-impact resistant windows. This product evaluation report is for vinyl fixed windows based on the following tested construction:

### General Description:

System	Description	Label Rating
1	Series 715 Vinyl Fixed Window; (O)	FW-HC55 60 x 84

### Product Dimensions:

System	Overall Size
1	60" x 84"

### Glazing Description:

System	Glass Construction <sup>1</sup>	Glazing Method <sup>2</sup>
1	IG-1	GM-1

Note: <sup>1</sup> See the "Glass Description Key" for the glazing construction.

<sup>2</sup> See the "Glazing Method Key" for the glazing method description.

## PRODUCT DESCRIPTION (Continued)

### Glazing Description Key:

IG-1: The window contains a  $\frac{3}{4}$ " thick sealed insulating glass unit. The sealed insulating glass unit is comprised of two  $\frac{3}{16}$ " annealed glass lites separated by a  $\frac{3}{8}$ " desiccant-filled aluminum spacer system. The glass thickness and type used in the insulating glass unit of the tested assembly and in smaller assemblies shall comply with ASTM E 1300-00.

### Glazing Method Key:

GM-1: The insulating glass unit is interior glazed with silicone sealant at the exterior of the insulating glass unit. The insulating glass unit is held in place with a vinyl glazing bead.

**Frame Construction:** The frame members are manufactured from extruded vinyl (PVC). The frame corners are mitered and welded construction.

**Product Identification:** A certification program label (AAMA) will be affixed to the window. The certification program label includes the manufacturer's code name (**SHO-1**); product name: **Series 715 PW**; performance characteristics; and approved inspection agency to indicate compliance with the requirements of AAMA/WDMA/CSA 101/I.S.2/A440-05.

## LIMITATIONS

### Design pressures:

System	Maximum Width (in.)	Maximum Height (in.)	Design Pressures (psf)
1	60	84	$\pm 55$

**Impact Resistance:** These window assemblies do not satisfy the Texas Department of Insurance's criteria for protection from windborne debris. These window assemblies will need to be protected with an impact protective system when installed in areas where windborne debris protection is required.

**Acceptance of Smaller Assemblies:** Window assemblies with dimensions equal to or smaller than those specified above are acceptable within the limitations specified in this report.

## INSTALLATION INSTRUCTIONS

**General:** The window assembly shall be installed in accordance with the manufacturer's installation instructions. Detailed installation instructions and drawings are available from the manufacture.

**Installation:** The wood wall framing members shall be minimum Spruce-Pine-Fir lumber. The window shall be secured to the wall framing using the nailing fin of the window with minimum 8d ring shank nails. A fastener shall be located approximately 2 inches from, each corner and spaced approximately 6 inches on center along the perimeter of the window frame. The fasteners shall be long enough to penetrate a minimum of  $1\frac{1}{2}$  inches into the wall framing.

**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.