

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION WIN-95

Effective July 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 0601 Vinyl Double Hung Replacement Windows, Individual, Non-Impact Resistant,**  
manufactured by:

**Alside Window Company/Division of AMI**  
**3773 State Road**  
**Cuyahoga Falls, OH 44223**  
**(330) 922-5350**

and distributed under the following trade names:

**Alside**  
**Associated Materials, Inc.**  
**Gentek Building Products**  
**Revere Building Products**

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 0601 window is a vinyl double hung replacement window. The double hung window evaluated in this report is an individual, non-impact resistant window. This product evaluation report is for vinyl double hung replacement windows based on the following tested construction:

### General Description:

System	Description	Label Rating
1	Series 0601; Individual Vinyl Double Hung Replacement Window; (X/X)	H-LC25 52 x 84
2	Series 0601; Individual Vinyl Double Hung Replacement Window; (X/X)	H-LC40 44 x 77
3	Series 0601; Individual Vinyl Double Hung Replacement Window; (X/X)	H-LC55 44 x 60
4	Series 0601; Individual Vinyl Double Hung Replacement Window; (X/X)	H-LC55 40 x 60

**PRODUCT DESCRIPTION (Continued)**

**General Description (continued)**

System	Description	Label Rating
5	Series 0601; Individual Vinyl Double Hung Replacement Window; (X/X)	H-LC55 36 x 72
6	Series 0601; Individual Vinyl Double Hung Replacement Window; (X/X)	H-LC45 52 x 61

**Product Dimensions:**

System	Overall Size	Top Sash Size	Bottom Sash Size
1	52" x 84"	47 $\frac{3}{4}$ " x 40 $\frac{1}{8}$ "	48 $\frac{3}{4}$ " x 41 $\frac{1}{8}$ "
2	44" x 77"	39 $\frac{3}{4}$ " x 36 $\frac{9}{16}$ "	40 $\frac{3}{4}$ " x 37 $\frac{9}{16}$ "
3	44" x 60"	39 $\frac{3}{4}$ " x 28 $\frac{1}{8}$ "	40 $\frac{3}{4}$ " x 29 $\frac{1}{8}$ "
4	40" x 60"	33 $\frac{3}{4}$ " x 28 $\frac{1}{8}$ "	36 $\frac{3}{4}$ " x 29 $\frac{1}{8}$ "
5	36" x 72"	31 $\frac{3}{4}$ " x 34 $\frac{1}{8}$ "	32 $\frac{3}{4}$ " x 35 $\frac{1}{8}$ "
6	52" x 61"	47 $\frac{3}{4}$ " x 28 $\frac{5}{8}$ "	48 $\frac{3}{4}$ " x 29 $\frac{5}{8}$ "

**Glazing Description:**

System	Glass Construction <sup>1</sup>	Glazing Method <sup>2</sup>
1-6	IG-1	GM-1

**Glass Construction Key:**

IG-1: Both sashes contain a sealed insulating glass unit. The sealed insulating glass units are comprised of two double strength ( $\frac{1}{8}$ " ) annealed glass lites separated by a U-shaped spacer system embedded in sealant.

**Glazing Method Key:**

GM-1: The insulating glass units are interior glazed with double-sided adhesive tape and secured with rigid vinyl glazing beads.

**Frame Construction:** The frame members are manufactured from extruded vinyl (PVC). The frame corners are mitered and welded construction. Rigid PVC snap-in adapters are located at the head and the sill.

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

**Reinforcement:** Roll-formed steel reinforcement is utilized in the exterior and interior meeting rails. The reinforcement extends the length of the members.

### PRODUCT DESCRIPTION (Continued)

**Hardware:**

<u>Description</u>	<u>Location</u>
Metal cam type lock	Interior meeting rail
Keepers	Aligned with cam locks, located on exterior meeting rail
Plastic tilt latch	Interior meeting rail and top rail, one at each end
Constant force balance system	Interior and exterior jamb tracks
Metal pivot bar	Bottom rail and exterior meeting rail, one at each end
PVC sash stops	Top and bottom of each jamb track

**Product Identification:** A certification program label (AAMA) will be affixed to the window. The certification program label includes the manufacturer's code name (UL-5); product name: **Series 0601 Double Hung**; performance characteristics; and approved inspection agency to indicate compliance with the requirements of AAMA/NWWDA 101/I.S.2.

### LIMITATIONS

**Design pressures:**

System	Maximum Width (in.)	Maximum Height (in.)	Design Pressures (psf)
1	52	84	± 25
2	44	77	± 40
3	44	60	± 55
4	40	60	± 55
5	36	72	± 55
6	52	61	± 45

**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 drawings and installation instructions are available from the manufacturer.

**Installation:** The wood wall framing members shall be minimum Spruce-Pine-Fir lumber. The window shall be mounted to the wood wall framing members using the frame of the window with minimum No. 8 x 2 ½ inch long screws. Each frame side jamb is secured to the wall framing with minimum two (2) fasteners. Each fastener is located approximately 6 inches from each end of the jambs. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing members.

### **INSTALLATION INSTRUCTIONS (Continued)**

The window is sealed at the interior and exterior perimeter with silicone sealant with the exception of a 6" long void at each interior sill corner.

**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) and the International Building Code (IBC) and the Texas Revisions.