# TDI | Texas Department of Insurance

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# Product Evaluation

Engineering Services Program

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.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

**Evaluation ID:** WIN-2712

**Effective Date:** September 1, 2023
**Re-evaluation Date:** January 2025

**Product Name:** Series 700 Vinyl Horizontal Sliding Windows, Fin Installation, Non-Impact Resistant

**Manufacturer:** Westlake Royal Windows
6410 Langfield Rd., Bldg. D
Houston, TX 77092
(281) 369-5688

**General Description:**

| System | Description | Label Rating | Design Pressure Rating |
|--------|-------------|--------------|------------------------|
| 1 | Series 700 Vinyl Horizontal Sliding Windows; OX | R-PG30 (72 x 48)-HS | +30 / -35 psf |
| 2 | Series 700 Vinyl Horizontal Sliding Windows; OX | R-PG30 (60 x 36)-HS | +30 / -30 psf |
| 3 | Series 700 Vinyl Horizontal Sliding Windows; XOX | R-PG25 (96 x 48)-HS | +25 / -25 psf |
| 4 | Series 700 Vinyl Horizontal Sliding Windows; OX | R-PG45 (60 x 48)-HS | +45 / -45 psf |
| 5 | Series 700 Vinyl Horizontal Sliding Windows; OX | R-PG50 (60 x 44)-HS | +50 / -50 psf |

**Product Dimensions:**

| System | Overall Size | Operable Sash Size | Fixed Sash Daylight Opening Size |
|---|---|---|---|
| 1 | 72" x 48" | 35" x 45-3/8" | 32-5/8" x 43" |
| 2 | 60" x 36" | 29" x 33-1/2" | 27-5/8" x 33-3/16" |
| 3 | 96" x 48" | 24" x 45-3/8" (2) | 43-1/4" x 27-7/8" |
| 4 | 60" x 48" | 28-3/4" x 44-3/4" | 26-1/2" x 42-5/8" |
| 5 | 60" x 44" | 28-3/4" x 41" | 26-1/2" x 38-5/8" |

**Product Identification (Certification Label on Window):**

| System | | |
|---|---|---|
| 1, 3 | Certification Agency | AAMA |
| | Manufacturer's Name or Code Name | WLR-1 |
| | Product Name | 700 HS |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-11 |
| 2, 4, 5 | Certification Agency | AAMA |
| | Manufacturer's Name or Code Name | WLR-1 |
| | Product Name | 700 HS |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-17 |

**Installation:**

| System | | |
|---|---|---|
| 1, 3 | Type of Installation | Nail Fin Installation |
| | Wall Framing | Spruce-Pine-Fir dimension lumber |
| | Fasteners | No. 8 x 2" truss head screws |
| | Fastener Location/Spacing | Beginning at each corner and spaced 9" on center |
| | Fastener Penetration | Minimum of 1-1/2" into the wall framing |
| 2 | Type of Installation | Nail Fin Installation |
| | Wall Framing | Spruce-Pine-Fir dimension lumber |
| | Fasteners | No. 8 x 1-5/8" truss head screws |
| | Fastener Location/Spacing | 2" from each end and spaced 9" on center |
| | Fastener Penetration | Minimum of 1-1/2" into the wall framing |
| 4, 5 | Type of Installation | Nail Fin Installation |
| | Wall Framing | Spruce-Pine-Fir dimension lumber |
| | Fasteners | No. 8 x 2-1/2" washer head screws |
| | Fastener Location/Spacing | 3" from each end and spaced 12" on center |
| | Fastener Penetration | Minimum of 1-1/2" into the wall framing |

**Impact Resistance:**

| System | Impact Resistant | Requirement |
|:---:|:---:|:---|
| 1-5 | No | Provide an impact protective system when installing the product in areas that require windborne debris protection. |

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.