

# 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-1830

Effective Date: November 1, 2013  
Reevaluation Date: **March 2016**

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.

**Monument Aluminum Clad Wood Single Hung Windows, Non-Impact Resistant**, manufactured by  
**Hurd Windows and Doors, Inc.**  
575 South Whelen Avenue  
Medford, Wisconsin 54451  
Telephone: (715) 748-1787

## General Description:

| System | Description                                     | Label Rating     | Design Pressure Rating (psf) |
|--------|---|------------------|------------------------------|
| 1      | Monument Aluminum Clad Wood Single Hung Windows | LC-PG50 72 x 110 | +50, -50                     |
| 2      | Monument Aluminum Clad Wood Single Hung Windows | LC-PG65 47 x 127 | +65, -65                     |

## Product Dimensions:

| System | Overall Size     | Top Sash Size   | Bottom Sash Size |
|--------|------------------|-----------------|------------------|
| 1      | 72.00" x 110.00" | 69.69" x 53.25" | 69.69" x 54.81"  |
| 2      | 47.00" x 126.50" | 44.69" x 61.50" | 44.69" x 61.50"  |

## Product Identification:

| System |                                  |                                 |
|--------|----------------------------------|---------------------------------|
| 1, 2   | Certification Agency             | WDMA                            |
|        | Manufacturer's Name or Code Name | Hurd Windows and Doors, Inc.    |
|        | Product Name                     | Monument Single Hung            |
|        | Test Standards                   | AAMA/WDMA/CSA 101/I.S.2/A440-08 |

## Impact Resistance:

| Impact Resistant | Requirement  |
|------------------|--|
| No               | Impact protective system required when product is installed in areas where windborne debris protection is required |

**Installation:**

**System 1:** The wood wall framing members shall be minimum Southern Yellow Pine dimension lumber. The window is secured to the wood wall framing members through the aluminum nail flange with minimum No. 8 screws. The fasteners shall be located approximately 4 inches from each corner and approximately 8 inches on center along the perimeter of the window. The fasteners shall be long enough to penetrate a minimum of  $1\frac{1}{2}$  inches into the wall framing members.

**System 2:** The wood wall framing members shall be minimum Southern Yellow Pine dimension lumber. The window is secured to the wood wall framing members through the window frame with minimum No. 10 x  $2\frac{1}{2}$ " screws. Along the head and side jambs, the fasteners shall be located approximately 6 inches from each corner and approximately 15 inches on center. The sill shall be secured to the wall framing with two masonry clips (1.50" x 6.00" x 0.050" galvanized steel). The clips are secured to the aluminum sill with two No. 6 x  $\frac{1}{2}$ " TEK screws and to the wall framing with one No. 8 screw. The fasteners shall be long enough to penetrate a minimum of  $1\frac{1}{2}$  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.