

# TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104  
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## PRODUCT EVALUATION

WIN-1691

Effective Date: December 1, 2012

Reevaluation Date: **March 2015**

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.

**H3 Aluminum Clad Vinyl/Wood Double Hung Windows, Non-Impact Resistant**, manufactured by

**Hurd Windows and Doors**  
575 South Whelen Avenue  
Medford, Wisconsin 54451  
Telephone: (715) 748-2011

### General Description:

System	Description	Label Rating	Design Pressure Rating (psf)
1	H3 Aluminum Clad Vinyl/Wood Double Hung Window	R-PG50 36 x 72 H-R50 36 x 72	+50/-60
2	H3 Aluminum Clad Vinyl/Wood Double Hung Window	R-PG35 40 x 84 H-R35 40 x 84	+35/-45
3	H3 Aluminum Clad Vinyl/Wood Double Hung Window (2-Wide)	R-PG35 71 x 72 H-R35 71 x 72	+35/-45
4	H3 Aluminum Clad Vinyl/Wood Double Hung Window (2-Wide)	R-PG35 79 x 84 H-R35 79 x 84	+35/-35
5	H3 Aluminum Clad Vinyl/Wood Double Hung Window (3-Wide)	R-PG25 106 x 84 H-R25 106 x 84	+25/-25

### Product Dimensions:

System	Overall Size	Top Sash Size	Bottom Sash Size
1	35 1/2" x 71 1/2"	32 1/4" x 35"	32 1/4" x 35 3/8"
2	39 1/2" x 83 5/8"	36 1/4" x 40 7/8"	36 1/4" x 41 1/4"
3	70 1/2" x 71 1/2"	Two: 32 1/4" x 35"	Two: 32 1/4" x 35 3/8"
4	78 1/2" x 83 5/8"	Two: 36 1/4" x 40 7/8"	Two: 36 1/4" x 41 1/4"
5	105 5/8" x 83 1/2"	Three: 32 1/4" x 40 7/8"	Tree: 32 1/4" x 41 1/4"

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

System		
1-2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Hurd Windows and Doors
	Product Name	H3 Double Hung
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05; AAMA/WDMA/CSA 101/I.S.2/A440-08
3-4	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Hurd Windows and Doors
	Product Name	H3 Double Hung (2-wide)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05; AAMA/WDMA/CSA 101/I.S.2/A440-08
5	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Hurd Windows and Doors
	Product Name	H3 Double Hung (2-wide)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05; 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:** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window shall be secured to the wood wall framing using the integral nail flange (fin) of the window. Along the head, sill, and side jambs, the fasteners shall be minimum No. 8 screws. The fasteners shall be spaced approximately 1 to 3 inches from each corner and approximately 7 inches on center. The fasteners shall be long enough to penetrate a minimum of 1 ½ 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.