

# 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**  
DR-581

Effective Date: December 1, 2012  
Reevaluation Date: **October 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.

**FeelSafe Energy Saver Clad Wood French Sliding Patio Doors, 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	FeelSafe Energy Saver Clad Wood French Sliding Patio Doors	LC-PG55 144 x 96 SD-C55 144 x 96	+55/-55

## Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Size
1	144 $\frac{3}{16}$ " x 95 $\frac{13}{16}$ "	One: 47 $\frac{7}{8}$ " x 93"	Two: 47 $\frac{7}{8}$ " x 93"

## Product Identification (Certification Label on Door):

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Hurd Windows and Doors
	Product Name	FeelSafe Energy Saver Clad French Sliding Patio Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05; AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886-02, ASTM E 1996-02; Missile Level D

## Impact Resistance:

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the <b>Inland I</b> and <b>Seaward zone</b> . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

**Installation:** The door shall be installed using one of the following two methods:

**Nail Fin Installation:** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The door shall be secured to the wood wall framing using the applied aluminum nail flange (fin) of the door. Along the head 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. Along the head and the sill, two screws are required through the frame on each side of the vertical mull, located 3 inches from the mull and 3 inches apart. The fasteners for the head are minimum No. 10 x 2 ½" screws and the fasteners for the sill are No. 12 x 2" screws. Along the sill, one (1) No. 12 x 2" screw is required through the frame approximately 6 inches from each side jamb. One (1) No. 8 screw is required through the frame at each antitheft bracket. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

**Frame Installation:** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The door shall be secured to the wood wall framing using the frame of the door. Along the head and side jambs, the fasteners shall be minimum No. 10 x 2 ½" screws. The fasteners shall be spaced approximately 6 inches from each corner and approximately 16 inches on center. Along the head and the sill, two screws are required through the frame on each side of the vertical mull, located 3 inches from the mull and 3 inches apart. The fasteners for the head are minimum No. 10 x 2 ½" screws and the fasteners for the sill are No. 12 x 2" screws. Along the sill, one (1) No. 12 x 2" screw is required through the frame approximately 6 inches from each side jamb. One (1) No. 8 screw is required through the frame at each antitheft bracket. 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.