

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION DR-580

Effective Date: December 1, 2012  
Reevaluation Date: **February 2014**

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.

**Clad Energy Saver Wood Outswing Hinged French Doors, 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	Clad Energy Saver Wood Outswing Hinged French Doors	R-PG50 76 x 96 SHD-R50 76 x 96	+50/-50
2	Clad Energy Saver Wood Outswing Hinged French Doors	R-PG40 76 x 99 SHD-R40 76 x 99	+40/-40
3	Clad Energy Saver Wood Outswing Hinged French Doors	SHD-R35 113 x 99	+35/-35

### Product Dimensions:

System	Overall Size	Panel Size	Daylight Opening Size
1	75 1/2" x 95 1/2"	Two: 35 7/8" x 93"	28" x 82 1/4"
2	75 5/8" x 98 1/2"	Two: 35 7/8" x 96"	28" x 85 1/4"
3	112 5/8" x 98 1/2"	Three: 35 7/8" x 96"	28" x 85 1/4"

### Hardware:

- Hinges; Eight (8) required (four (4) on each door panel); Secured to the door panel with four (4) No. 12 x 1 1/4" screws. Secured to the door frame with three (3) No. 12 x 3/4" screws and one (1) No. 9 x 3" screw.
- 3-point handle activated lock with independent dead bolt; located on the active panel.
- 2-point lock lever activated shoot bolt lock system with one (1) strike at the head and the sill frame; located on the passive panel.
- Multi-point strike plate; Two (2) required; Located on the astragal; Each secured with two (2) No. 8 x 2" screws.

**Hardware (continued):**

- Latch and deadbolt strike plate; One (1) required; Located on the astragal; Secured with three (3) No. 8 x 2" screws.
- Shoot bolt head strike; One (1) required at the frame head); Secured with three (3) No. 10 x 2 1/2" screws.
- Shoot bolt sill strike; One (1) required at the sill); Secured with two (2) No. 6 x 2 3/4" screws.

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

System		
1-2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Hurd Windows and Doors
	Product Name	Clad Energy Saver Outswing French Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05; AAMA/WDMA/CSA 101/I.S.2/A440-08
3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Hurd Windows and Doors
	Product Name	Clad Energy Saver Outswing French Door
	Test Standards	ASTM E 330

**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 door shall be secured to the wood wall framing using the applied vinyl nailing flange (fin). Along the head and side jambs, the fasteners shall be minimum No. 8 screws. The fasteners shall be spaced approximately 7 to 8 inches from each corner and approximately 7 to 8 inches on center. One (1) No. 9 x 3" screw is utilized at each hinge secured into the wall framing at the side jambs. The fasteners shall be long enough to penetrate a minimum of 1 1/2 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.