

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION
 DR-416

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

Energy Saver Clad Wood French Sliding Patio 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	Energy Saver Clad Wood French Sliding Patio Doors	LC-PG35 95 x 96 SD-C35 95 x 96	+35/-50
2	Energy Saver Clad Wood French Sliding Patio Doors	LC-PG50 95 x 96 SD-C50 95 x 96	+50/-65
3	Energy Saver Clad Wood French Sliding Patio Doors	LC-PG50 144 x 96 SD-C50 144 x 96	+50/-60
4	Energy Saver Clad Wood French Sliding Patio Doors	LC-PG25 188 x 96 SD-LC25 188 x 96	+25/-25

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Size
1	94 ⁵ / ₈ " x 95 ⁷ / ₈ "	47 ⁷ / ₈ " x 93"	47 ⁷ / ₈ " x 93"
2	94 ⁹ / ₁₆ " x 95 ¹³ / ₁₆ "	47 ⁷ / ₈ " x 93"	47 ⁷ / ₈ " x 93"
3	144 ³ / ₁₆ " x 95 ¹³ / ₁₆ "	One: 47 ⁷ / ₈ " x 93"	Two: 47 ⁷ / ₈ " x 93"
4	187 ⁵ / ₈ " x 96"	Two: 48" x 93"	Two: 48" x 93"

Product Identification (Certification Label on Door):

System	Certification Agency	WDMA
1-4	Manufacturer's Name or Code Name	Hurd Windows and Doors
	Product Name	Aluminum 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

Impact Resistance:

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

Installation:

Systems 1 and 2: 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 integral vinyl nail flange (fin) of the door. 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.

System 3: 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 integral vinyl 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. 8 screws. Along the sill, one (1) No. 8 screw is required through the frame approximately 6 inches from each side jamb. Two (2) No. 8 screws are 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.

System 4: 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 integral vinyl nail flange (fin) of the door. 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. Two (2) No. 8 screws are 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.