



# Product Evaluation

WIN839 | 0718

Engineering Services Program

*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.*

*For more information, contact TDI Engineering Services Program at (800) 248-6032.*

**Evaluation ID:** WIN-839

**Effective Date:** July 1, 2018

**Re-evaluation Date:** June 2022

**Product Name:** Custom Collection Aluminum Clad Wood Double Hung Windows, Non-impact Resistant

**Manufacturer:** JELD-WEN Windows & Doors  
62845 Boyd Acres Road  
Bend, OR 97701  
(800) 547-6880

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Custom Collection Aluminum Clad Wood Double Hung Windows	LC-PG50 33-3/8x96 Type DH	+50/-55 psf
2	Custom Collection Aluminum Clad Wood Double Hung Windows	LC-PG50 37-3/8x76 Type DH	+50/-55 psf
3	Custom Collection Aluminum Clad Wood Double Hung Windows	LC-PG50 41-3/8x68 Type DH	+50/-55 psf

### Product Dimensions:

System	Overall Size	Lower Sash Size	Upper Sash Size
1	33-1/2" x 96"	30-7/16" x 47-3/4"	30-7/16" x 46-7/8"
2	37-3/8" x 76"	34-1/2" x 37-11/16"	33-1/2" x 36-7/8"
3	41-3/8" x 68"	38-1/2" x 33-11/16"	38-1/2" x 32-7/8"

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

System		
1, 2, 3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	JELD-WEN Windows & Doors
	Product Name	Custom Clad Double Hung
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

**Impact Resistance:**

System	Impact Resistant	Requirement
1, 2, 3	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation (one of the following):**

System		
1, 2, 3	Type of Installation	Anchored through Fin
	Wall Framing	Douglas Fir-Larch dimension lumber
	Fasteners	Minimum No. 8 Square Pan Head Screws
	Fastener Location/Spacing	Approximately 4" from each corner and approximately 18" on center along the perimeter
	Fastener Penetration	Minimum 1-1/2" into the wall framing
1, 2, 3	Type of Installation	Anchored through Frame
	Wall Framing	Douglas Fir-Larch dimension lumber
	Fasteners	Minimum No. 8 Phillips Pan Head Screws
	Fastener Location/Spacing	Jams, head: Approximately 4" from each corner and approximately 18" on center
	Fastener Penetration	Minimum 1-1/2" into the wall framing
1, 2, 3	Type of Installation	Masonry Strap Install
	Wall Framing	Douglas Fir-Larch dimension lumber
	Masonry Straps	1-1/2" x 10" 21ga galvanized steel
	Masonry Strap Location/Spacing	Approximately 4" from each corner and approximately 18" on center along the perimeter
	Fasteners per strap	Two No. 8 Screws x 1/2" Phillips pan head into window frame Two No. 8 Screws Square pan head into wall framing
	Fastener Location/Spacing	Approximately 4" from each corner and approximately 18" on center along the perimeter
	Fastener Penetration	Minimum 1-1/2" into the wall framing

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.