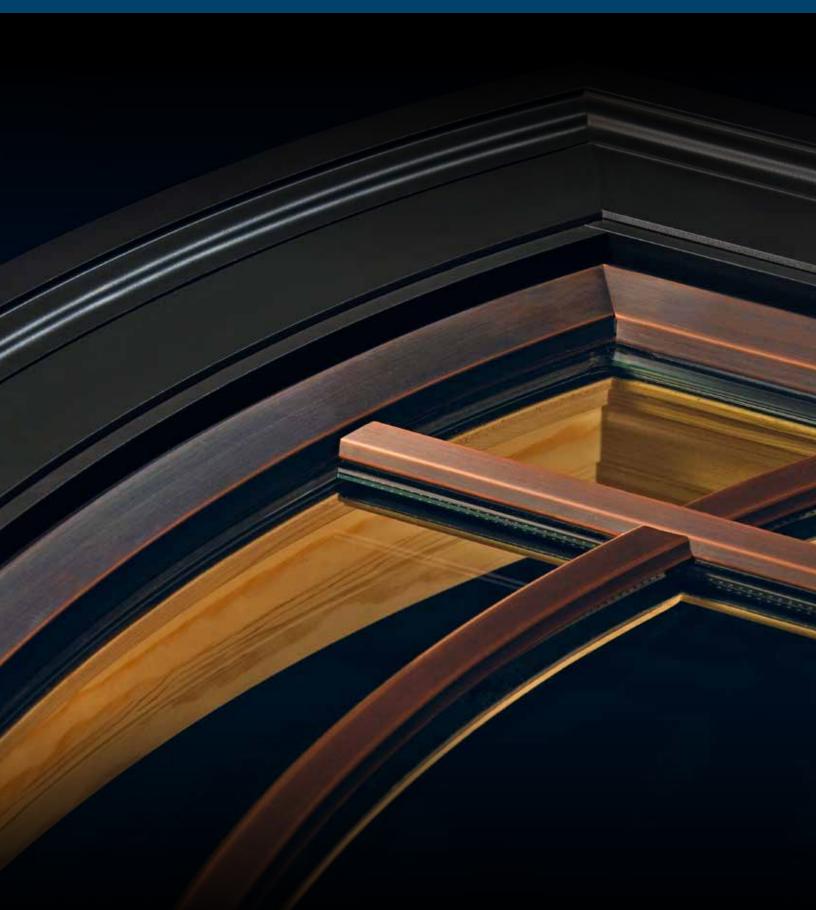


### **Custom**

### Wood Windows & Patio Doors

Casement | Double-Hung | Tilt & Turn | Awning | Sliding Fixed, Radius & Geometric | Clad Entry Door Systems | Patio Doors

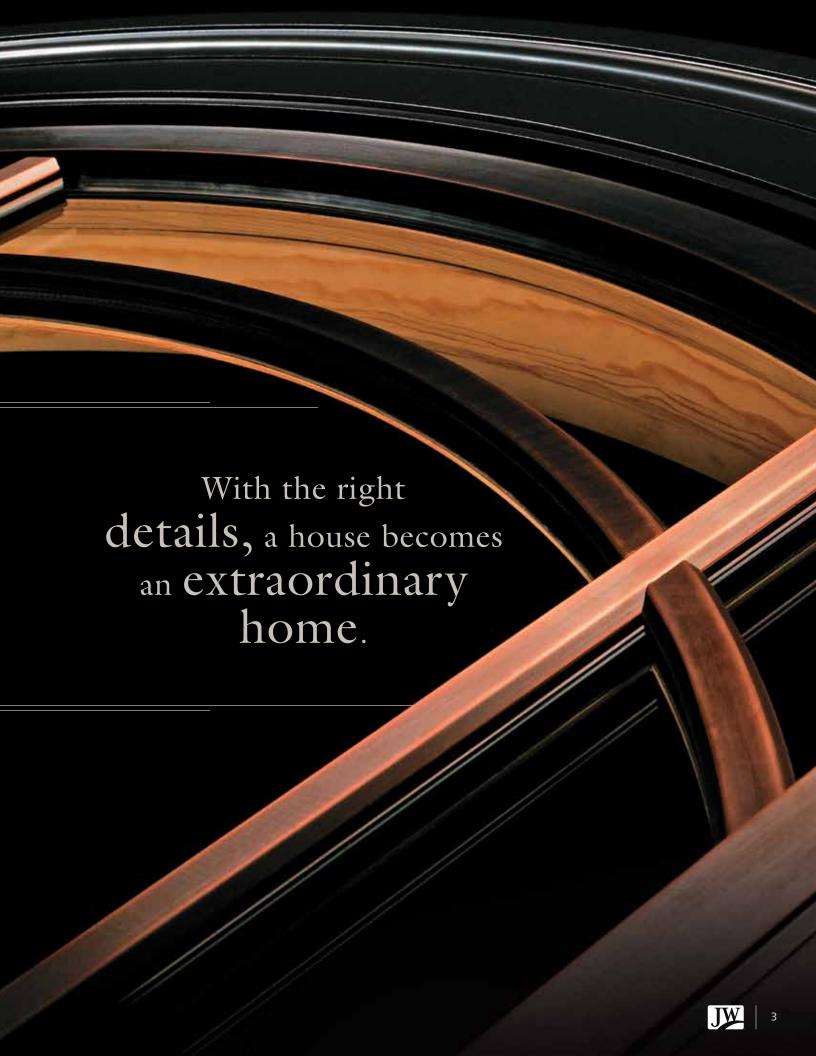




When you want windows and doors that offer extraordinary artistry and consistent reliability, select JELD-WEN® Custom windows and doors.

Each one is sure to enhance the luxury of your home.

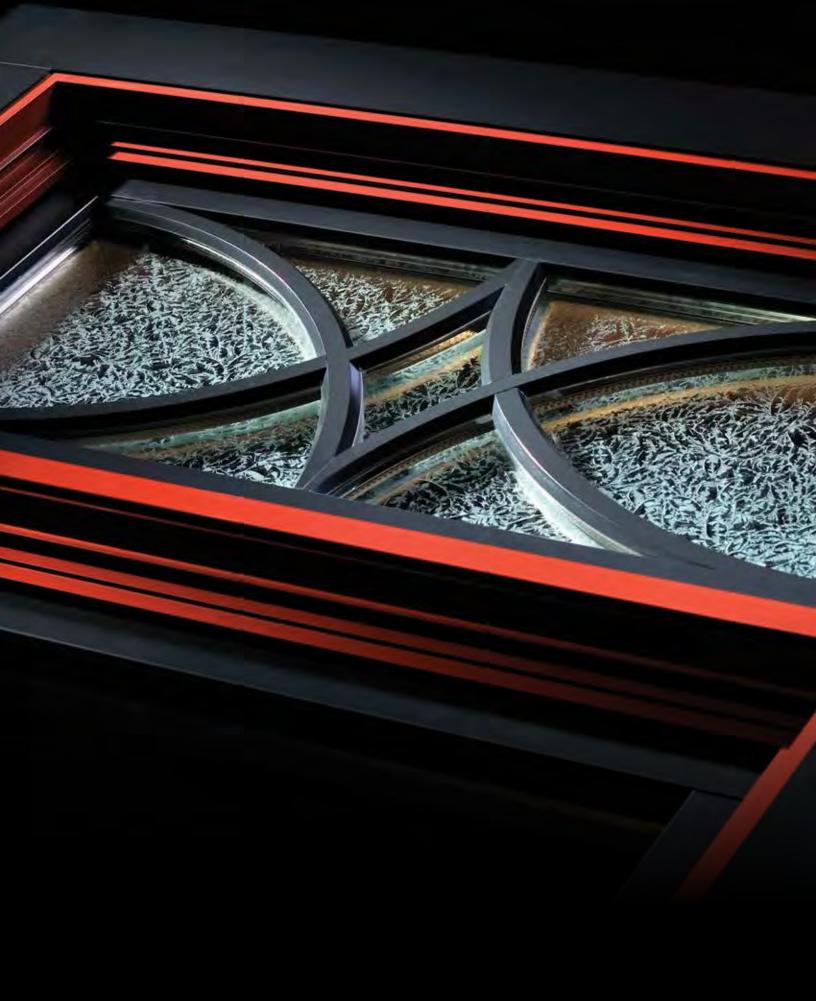




### TABLE OF CONTENTS

AuraLast® Wood
Supporting Stainability
Window & Patio Door Choices
Interior & Exterior Options
Wood Species
Surface Textures Details16
Clad Color Choices
Copper Cladding
Divided Lites
Decorative Grilles Between Glass 28
Glass Options
Screens
Hardware
Windows
Casement Windows
Double-Hung Windows 54
Tilt & Turn58
Awning Windows
Sliding Windows
Fixed, Radius and Geometric Windows 64
Doors
Folding & Multi-Slide Patio Doors 69
Swinging Patio Doors70
Sliding Patio Doors
Sidelights and Transoms
Clad Entry Door Systems
Warranty
About JELD-WEN91





### AURALAST®—THE WOOD THAT DOES NOT ROT

Protects against Termites, Wood Rot and Water Saturation



### AURALAST® WOOD PROTECTS AGAINST WOOD ROT FOR AS LONG AS YOU OWN AND LIVE IN YOUR HOME. GUARANTEED.



### Guaranteed Protection Against Wood Rot

JELD-WEN Wood Windows and patio doors

made with exclusive AuraLast Wood are guaranteed not to rot for as long as you own and occupy your home. Wood components made from AuraLast wood maintain their structural integrity even in the toughest climates. See our complete warranty at the back of this brochure for full details.

100%

### Surface-to-Core Protection

Because of our vacuum/pressure process, AuraLast Wood provides virtually 100%

penetration of the protective ingredients. Other manufacturers use dip-treatments, which only protect the outer surface of the wood.

A JELD-WEN Exclusive
Only JELD-WEN makes wood windows
and patio doors with AuraLast® Wood.



### AuraLast® - The Wood that Does Not Rot



100%
WORRY-FREE

### AuraLast is Safe

AuraLast Wood is made by using a waterbased solution to deliver the effective

ingredients to the core of the wood.

Other manufacturers use ordinary dip-treatments with a solvent-based chemical bath. During production our AuraLast process releases 96% fewer volatile organic compounds than the traditional dip-treatment method.

Ordinary dip-treatments only protect the outer surface.





100% wood

### Working with AuraLast Wood is Easy

AuraLast offers the strength and beauty

of real wood because it is real wood, not a composite. AuraLast Wood is colorless, stainable, and odorless.

### **Protects Against Water Saturation**

AuraLast Wood offers superior resistance to water saturation, which protects against swelling that causes windows and doors to stick.

### **Protects Against Termites**

Harmful termites will eat through unprotected wood—not so with AuraLast Wood.

For more information visit jeld-wen.com/auralast





### Supporting responsible forestry



At JELD-WEN, environmental stewardship is nothing new. With origins rooted in wood product manufacturing, our legacy has been to make windows, doors and components in a manner consistent with efficient use of what

nature provides. In effect, we've always strived to make stiles and sash, not sawdust.

To us, minimizing waste has always made good ecological and business sense. Our mission is to develop high performance, high-value products that satisfy our



customers' needs, while also caring for our communities by seeking ways to reduce our impact on the environment.

Only JELD-WEN makes window and door products with natural pine AuraLast®—The Wood that Does Not Rot.

AuraLast Wood releases 96% fewer volatile organic compounds (VOCs) during the manufacturing process than traditional submersion treatment methods used by other manufacturers.

AuraLast is manufactured with a water-based solution that is safer to handle compared to much harsher, solvent-based treatments.

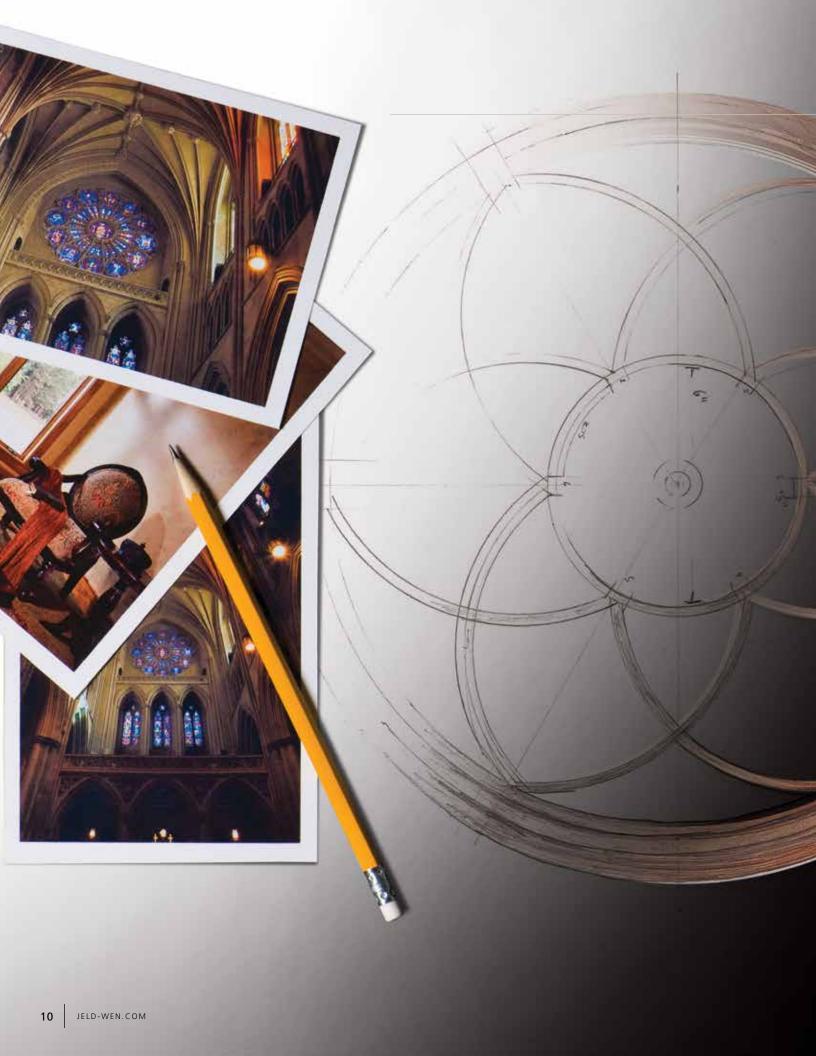
Best of all, our lifetime limited warranty protects against termites, water saturation, and wood rot for as long as an individual owns and occupies their home.

Environmental stewardship is a journey, and our on-going efforts will remain directed toward continual improvement of our products, processes and culture.

We do this not because it's popular.

We do it because it's the right thing to do.





## Window and patio door choices

Our Custom windows and doors come in a variety of designs, including those you create yourself.

The following pages contain choices to inspire.



The only limitation is your imagination.

### INTERIOR OPTIONS



### **EXTERIOR OPTIONS**



### **EXTERIOR WOOD OPTIONS**

Full list on page 15

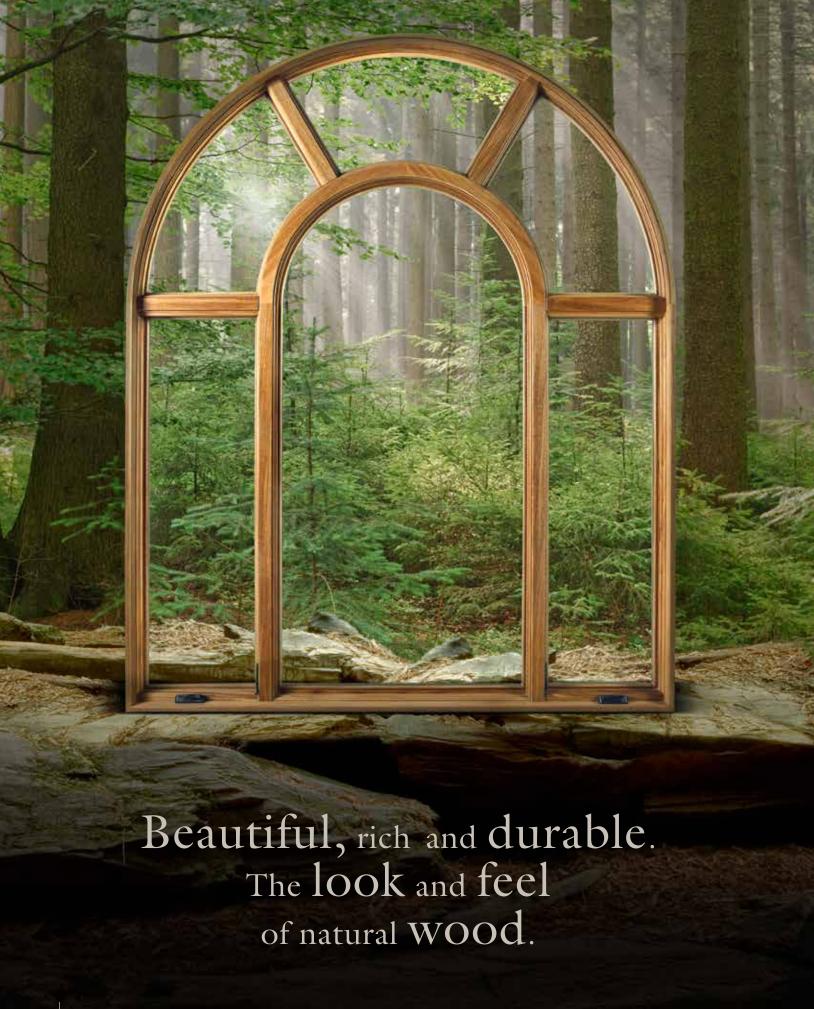
3 COPPER CLAD

Bright Copper

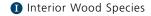
Speckled Patina Copper Hand-Rubbed Patina Copper

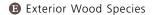
### WOOD EXTERIOR TRIM Adams Flat Backband Brickmould Pendleton Heritage ALUMINUM EXTERIOR TRIM Adams Manchester Brickmould 41 EXTERIOR CLAD COLORS (CUSTOM COLOR MATCH AVAILABLE) Pendleton WITH 70% KYNAR 500® FINISH Full list on pages 18-23

JW



### WOOD SPECIES AVAILABILITY









Our primed windows and doors are light gray in color and are ready to paint.

Mahogany





Mahogany is a highly dense, long-lasting hardwood with deep, rich-looking grain and a natural elegance. It accepts stain well.

AuraLast® Pine





Pine is harvested from plantation forests. Pine is a softwood with distinct grain patterns and color variations. The wood will darken and yellow with age, adding character and charm.

Oak





Oak is a hardwood known for its dramatically pronounced grain pattern, which varies from a tight, vertical grain to a beautifully arched pattern. The wood may also feature pin knots and mineral streaks. Oak accepts stain very well.

Knotty Alder





The texture of this hardwood is smooth with a straight, even grain and knots that create beautiful swirl patterns. This wood is slightly softer and lighter than other hardwoods and the wood color ranges from tan to a pale pinkish

brown. The knots are brown to black and vary in size, shape and color. This species stains and finishes well to enhance its natural grain.

Walnut





This wood species is traditionally used for fine furniture, gunstocks and boatbuilding; its durability makes it ideal for our windows as well. The color varies from a rich, dark brown to black with purple undertones. Walnut

features attractive blonde sapwood streaks within the darker tones, and it generally has a straight grain with occasional waves or curls.

Vertical-Grain









The texture of this hardwood is smooth with a straight, even grain. This wood is slightly softer and lighter than other hardwoods.

Cherry





This is a strong wood species with a smooth texture and a fine, straight and close grain. It may feature thin gum pockets, small clusters of pin knots and random blonde-colored streaks. Cherry stains easily and smoothly, and it will darken slightly with age.

Reclaimed







Reclaimed wood is recovered from old barns, houses, fences and factories. The naturally weathered appearance and texture of reclaimed lumber gives every room a classic look of its own.

**Custom Species** 



We also offer many other types of wood species. Check with your sales associate to see what exotic species we can offer to fulfill your project design needs.





FSC® certified or SFI certified wood available.

See your JELD-WEN dealer for details.



### SURFACE TEXTURE DETAILS



### CHISELED

We use chisels and other tools to achieve an aged look by applying random dents and dings, also called character marks.



### HAND HEWN

This texture adds the look of weather-worn waves to the wood and is our least pronounced texture. To create it, we plane channels of various sizes into the smooth wood surface. It is then hand-sanded for an appealing transition between the surfaces.



### **WORMHOLES**

Along with character marks, we can simulate wormholes for an authentic old world charm.



### WIRE BRUSHED

Windows and doors with this texture feature a charming, uneven and rough appearance. We achieve this by running the wood through a wire brushing wheel that grooves the wood for a raised-grain appearance.



### **ANTIOUING**

This look is achieved through a multi-step process beginning with a base stain for overall color. Next, depending on base color, a dark brown or black stain is applied between the mouldings, panels and character marks, which highlights these areas.

All of our wood species are available with unique surface textures that allow you to create one-of-a-kind windows and doors with weather-worn, rustic appeal. Mix and match any of our surface textures for a custom distressed look.

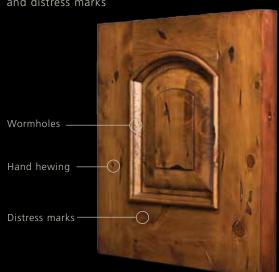
### LIGHT DISTRESSING

Distress marks only, no wormholes or hand hewing



### MEDIUM DISTRESSING

Hand hewing, wormholes and distress marks









Attention to every detail. Accents that reflect your personality. These are qualities inherent to all things custom. JELD-WEN®

Custom windows and doors are no exception.

With our color matching capabilities we are able to make crafted pieces of art that reflect you. So let us match up a paint chip, a photograph, or a favorite work of art to bring your dream color to light.

## The only question is...

## ...What inspires your color palette?







### 41 STANDARD COLORS OR CHOOSE YOUR OWN

### CUSTOM COLOR INSPIRED BY TUSCAN VILLA



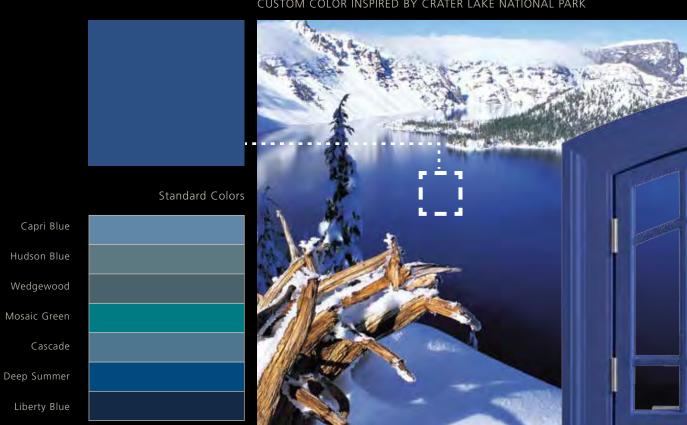
### CUSTOM COLOR INSPIRED BY MIDWESTERN PRAIRIE



### CUSTOM COLOR INSPIRED BY BRASADA RANCH® BARN

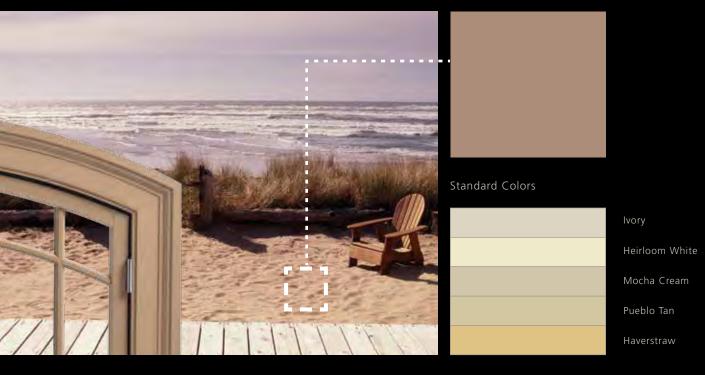


### CUSTOM COLOR INSPIRED BY CRATER LAKE NATIONAL PARK



### 41 STANDARD COLORS OR CHOOSE YOUR OWN

### CUSTOM COLOR INSPIRED BY SANDY BEACH

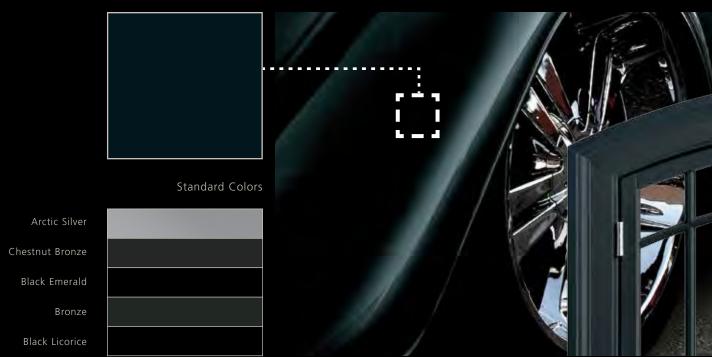


### CUSTOM COLOR INSPIRED BY SEDONA JUNIPER



Our metal clad color finishes will stay truer and brighter than other finish options. This is because they feature a commercial-grade 70% Kynar 500® resin system that resists fading and chalking. It's so strong it even outperforms silicone, polyester, urethane, powder and acrylic coatings. What's more, our warranty guarantees that the finish won't chalk or fade for 20 years, even in coastal environments.\*

### CUSTOM COLOR INSPIRED BY BLACK HOT ROD





Actual colors may vary from the samples displayed. Please visit your JELD-WEN dealer for actual samples.

<sup>\*</sup>Windows and patio doors with metal-clad exteriors installed within one mile of a saltwater source (or other corrosive environment) have specific maintenance requirements. To review our warranty and full care and maintenance instructions, visit **jeld-wen.com/resources**.



### COPPER CLADDING



Enjoy a dynamic look with our copper cladding. Copper is a living finish that changes in appearance over time (color will vary based on interaction with atmospheric elements). The look of these windows will age to a rustic charm that only copper can offer. If you prefer it to look aged without the wait, we offer Speckled Patina and Hand-Rubbed Patina. If you prefer the sheen of our Bright Copper and want it to last, proper cleaning will keep it looking new for years to come.

Copper is available on the window sash component or patio door panel only, so you can select a contrasting or complementary metal clad color for the frame or choose the natural look of a wood frame.









### **DESCRIPTIONS & OPTIONS**



### SIMULATED DIVIDED LITES (SDL)

For the most authentic divided lite appearance, select our SDL option. It includes detailed interior wood bars, metal bars placed between the panes of insulating glass, and exterior metal bars that are permanently adhered to the exterior glass. Bars are available in five widths and two profiles—SEE PROFILES AT BOTTOM OF PAGE. Exterior metal bars come in our 41 clad colors or your custom color; or you may choose primed metal bars, which may be painted any color you choose.

### PRECISE SIMULATED DIVIDED LITES (PDL)

This option features wood exterior bars, wood interior bars and an internal metal shadow bar. Both interior and exterior bars are designed with identical widths and are permanently adhered to the glass. Muntin bars are available in 3/4" and 1-1/2" sizes. PDLs are designed for wood exteriors only.





### GRILLES BETWEEN THE GLASS (GBG)

Enjoy increased visual appeal and decreased maintenance with our Grilles Between the Glass, which consist of a spacer bar placed between the panes of insulating glass. We offer 5/8" flat grilles, as well as 23/32" and 1" contour grilles. Our contour grilles are available with two-tone coloring (Brilliant White inside and Desert Sand outside or vice versa).

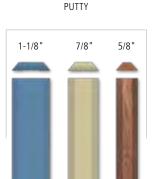
### FULL-SURROUND WOOD GRILLES (FS)

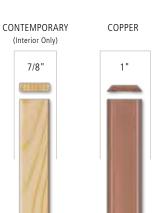
Our Full-Surround wood grilles are a convenient way to achieve the look of divided lites. These grilles are positioned on the interior glass and can be removed for easy cleaning. They're available with 7/8", 1-1/8" or 1-3/8" grilles.



### SIMULATED DIVIDED LITE PROFILES







# Refined. Window art worth your presentation.



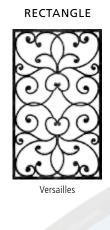
Nothing dresses up your custom windows like the classic look of Decorative Metal Grilles. Choose from our styles such as Georgian, Chateau, Heritage, Lotus, Monte Carlo and more. These selections feature the customized look of old world artisans, while showing your creative taste in window art.





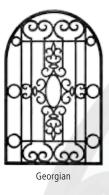
### DECORATIVE GRILLE OPTIONS

# RADIUS TOP Versailles























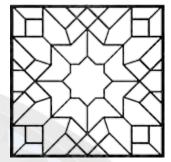








### SQUARE



Etruscan

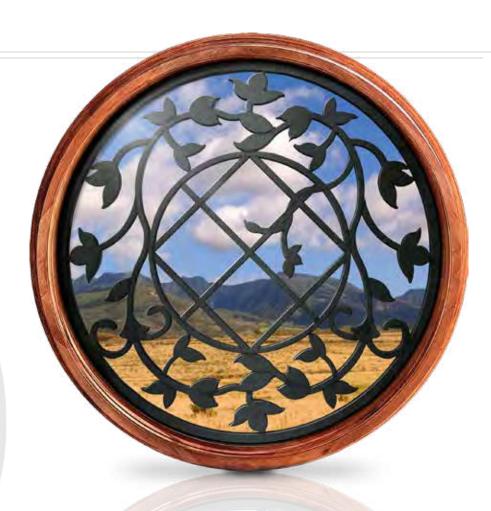




Heritage



Armada



JELD-WEN'S Decorative Grille
Program features custom capabilities
to build your own creations.

Using your sketches and combinations of patterns, we can build nearly anything you imagine.



### **GLASS OPTIONS**

### **TEXTURED GLASS**



### TINTED GLASS



Add a distinctive touch to our Custom windows and patio doors with textured, tinted and decorative glass. We offer a range of options as shown above; however, more options become available all the time, so please ask your JELD-WEN dealer for more details.



Gray Reflective

**Graylite Tinted** 



### LOW-E & PROTECTIVE GLASS OPTIONS

### **GLASS OPTIONS**

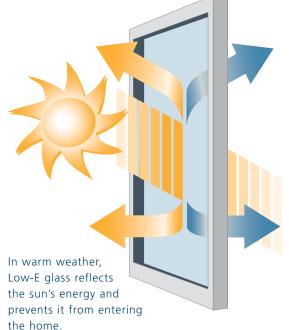
### Low-E, LoE3-366 Insulating Glass with Argon

Our standard high-performance LoĒ<sup>3</sup>-366 glass with insulating argon gas fill lowers energy costs and helps homes stay cooler in the summer and warmer in the winter.

LoĒ<sup>3</sup>-366 greatly reduces fading of interior furnishings and reduces condensation. It also delivers greater visible light transmittance than tinted glass.

Many JELD-WEN® windows and patio doors with Lodz-366 and argon fill or Low-E glass are also ENERGY STAR® qualified, which means they exceed the minimum energy efficiency criteria for the climate region you live in.

For complete information please visit **jeld-wen.com**.



In cold weather, Low-E glass reduces the amount of heat lost by reflecting it back inside.



### **ENERGY STAR**

Many JELD-WEN windows and doors are ENERGY STAR® qualified, which means they exceed the minimum energy efficiency criteria for the climate region you live in. JELD-WEN has been an ENERGY STAR partner since 1998.

ENERGY STAR is a government program created in 1992 by the Environmental protection Agency in an attempt to reduce energy consumption and greenhouse gases. what began originally as a voluntary labeling program has grown into one of the largest efforts worldwide to promote energy efficient consumer products.

### PRESERVE® PROTECTIVE FILM

Preserve film is standard for all Custom windows and patio doors. It is factory-applied to both the interior and exterior surfaces of the glass. This means the glass surfaces will be reliably protected from debris and scratches that can occur during shipping and handling or at a construction site, so you won't need to spend extra time cleaning your new windows and patio doors. What's more, it's easy to remove.



Preserve film is not available with impact-resistant glass or single pane units. For more information, visit **jeld-wen.com**.

### **NEAT® GLASS**

With this glass option you gain natural cleaning convenience. By harnessing the sun's UV rays (even when the sky is cloudy) to loosen dirt from the glass, rainwater can easily rinse away grime. No manual activation is required. For more information, visit **jeld-wen.com**.







This glass stands up to strong impacts from wind-borne debris as well as harsh coastal conditions. In fact, ImpactGard® features the industry's leading laminated glass technology that can withstand a nine-pound piece of lumber striking it head-on at approximately 34 miles per hour. It also reduces sound transmission and blocks up to 95 percent of harmful UV rays and enhances home security.

### SAFE IMPACT-RESISTANCE

During a severe storm, a broken window can affect a home's structural integrity. Windows and patio doors with ImpactGard protection are designed to resist impacts so even if the glass cracks, the fragments will adhere to the interlayer, so the shards remain within the frame.

ImpactGard protection also meets the nation's toughest building codes. These codes specify that windows must withstand a nine-pound 2x4 traveling at 50 feet per second (34 miles per hour).



Standard Glass

ImpactGard Glass



### SECURE FORCED-ENTRY RESISTANCE

Windows and patio doors with ImpactGard protection resist forced entry. Because the interlayer separating the panes helps resist a potential intruder's glass cutter, break-ins are less likely.

### **DECREASED SOUND TRANSMISSION**

Unwanted outdoor noise is noticeably dampened with ImpactGard glass.

To compare, a single pane of glass generally has an STC rating around 27, a typical insulating glass unit has an improved STC rating of 31, and a laminated insulated glass unit can achieve an STC rating up to 35. The higher the STC rating, the better the sound dampening effects.



# Unlock your imagination. We'll customize a Window creation just for you.



Send us a sketch or picture of your ideas and we will turn them into a unique decorative glass creation. We have developed a program that supports nearly any customized design. You can also choose from our four unique glass collection styles, that draw from popular JELD-WEN entry door designs. Make a statement with your doors and windows.





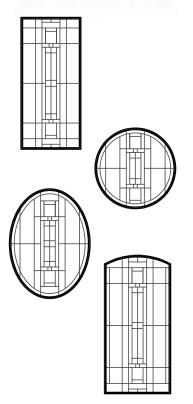
# **DECORATIVE GLASS OPTIONS**

F eaturing five popular standard glass collections, this program gives you the capabilities to design endless decorative glass creations. Using combinations of patterns, colors, obscure glass and caming options, we can build nearly

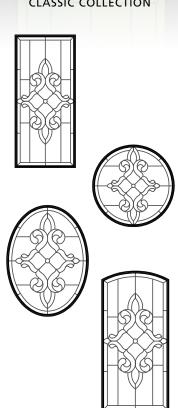
anything you can imagine.











Caming Selections: Choose one of our five caming selections to determine how your glass will appear.



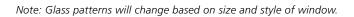












#### **SCREENS**

#### PHANTOM SCREENS® TECHNOLOGY

Available to match interior wood species

Our windows are available with Phantom Screens Technology. This feature includes convenient, retractable insect screens that fully reveal beautiful exterior views. They're made to be durable, secure and easy to use, and they'll integrate seamlessly with the rest of the window. In fact, they're available in our four interior wood species. Screens for double-hung windows also have a removable track that allows sash to tilt in for easy cleaning. For more information, visit jeld-wen.com.

- 1. Integrated design creates a seamless look
- 2. Fully retractable for a clear view
- 3. Removable tracks allow sash to tilt in for easy cleaning on double-hung windows

Note: Insect screens are intended to allow air and light in, while keeping insects out. They are not intended to stop children from falling through an open door or window. For safety screens and other security devices, contact your local building supply retailer.



#### WOOD FRAME SCREENS

For greater beauty and design consistency, select optional wood insect screen frames for casement and awning windows. They're available in our four interior wood species. The mesh consists of durable charcoal fiberglass screen cloth that resists dents.



#### ULTRAVUE™ SCREENS

Note: The below images are for illustration purposes only.



View through regular fiberglass insect screen

View through UltraVue insect screen

These screens are designed to keep more insects outside, while letting more natural light inside. They feature fine, black fiberglass mesh with a light gloss finish. UltraVue insect screens are now standard for awning, casement, double-hung and sliding windows.

# ALUMINUM FRAME SCREENS Combine your window with one of the three standard aluminum screen colors or select optional color match to get your aluminum screen in the same color as any of our 41 aluminum colors. Custom color matching is also available. Brilliant White Desert Sand



# Little touches can be profoundly transformative.

This is why JELD-WEN® offers a range of hardware and finishes for our Custom Wood windows and patio doors. We know a Victorian house feels all the more ornate with brass fixtures. And the shine of polished chrome adds a contemporary edge to traditional architecture. Our selection ensures you can make the statement you want down to the last detail.





# HARDWARE OVERVIEW

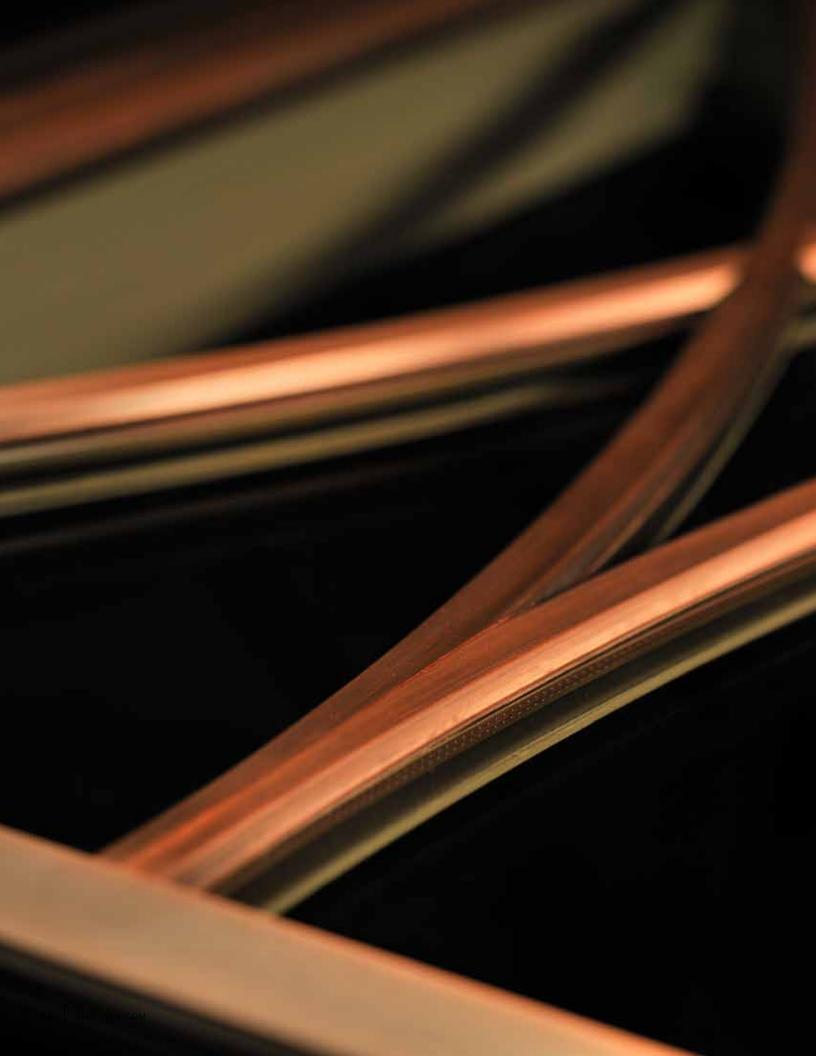


HARDWARE FINISHES								
		SWINGING PATIO DOOR			SLIDING PATIO DOOR		WINDOWS	
		Traditional	Contemporary	Rustic	Traditional Multi-Point	Traditional	Sash-Lock & Nesting Handle	Tilt & Turn
Distressed Oil- Rubbed Bronze*				Πt				
Distressed Nickel								
Antique Nickel								
Oil-Rubbed Bronze*								
Antique Brass								
Polished Brass								
Brushed Chrome								
Polished Chrome								
Powder-Coat Black								
Powder-Coat White								
Satin Nickel		Πt	Πt		□+	Πt		
Chestnut Bronze								
Desert Sand								

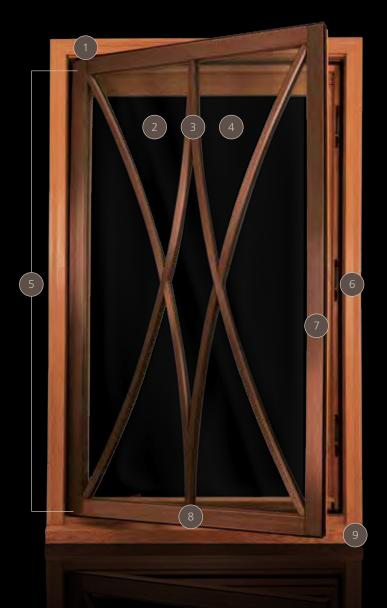
 $<sup>*</sup>Oil\mbox{-}Rubbed$  Bronze will change in appearance over time. Actual colors may vary from the samples displayed

<sup>†</sup>Available with optional PVD finish for increased resistance to wear and discoloration





# ANATOMY OF A WINDOW



#### ANATOMY OF A CUSTOM WOOD WINDOW

- 1. Head jamb
- 2. Lites
- 3 Grill
- 4. Glazing/glass
- 5. Sash
- 6. Side jamb
- Stile
- 8. Rail
- 9. 511

The window frame consists of the head jamb, side jamb and sill.

JELD-WEN® windows and patio doors have earned Hallmark certification from the Window and Door Manufacturers Association (WDMA), which is considered a mark of excellence among architects, contractors and other specifiers. It is accepted industry-wide.





# CASEMENT WINDOWS

These stylish windows lend a sense of elegance to any home, and they deliver the most unobstructed viewing areas, structural integrity and ventilation of any operating window. Each one is hinged so the sash opens in a swinging motion.

For an especially charming appearance, select our French casement windows, which feature two sash that open outward without a center mullion and provide a clear opening. We also offer push-out casement windows that operate simply with friction hinges and have a particularly clean look.



# FRENCH & RADIUS TOP CASEMENTS



Stylishly recessed, this hardware allows for hassle-free movement of window treatments

One lever operates two locking mechanisms for ease of operation and increased security

#### AVAILABLE HARDWARE FINISHES FOR ALL CASEMENT WINDOWS\*



Oil-Rubbed Bronze\*\*†



Antique Brass



Polished Brass



Brushed Chrome



Polished Chrome



Powder-Coat White



Chestnut Bronze



Desert Sand





Powder-Coat Satin Nickel<sup>†</sup> Black

<sup>\*</sup>Finishes may appear different due to variations in printing \*\*Oil-Rubbed Bronze will change in appearance over time †Available with optional PVD finish for increased resistance to wear and discoloration

# **PUSH-OUT CASEMENTS**



# HIDDEN MAGNETIC CLOSURES

For a clean, unobstructed look



#### **PUSH-OUT HANDLE**

Simple and secure, this handle is reminiscent of old-world charm but with the added benefits of modern security

#### STAY BAR

Stay bar holds sash open in windy conditions and is reminiscent of Old World architectural detail





**IN-SWING CASEMENT** 

See pages 58-59 for details







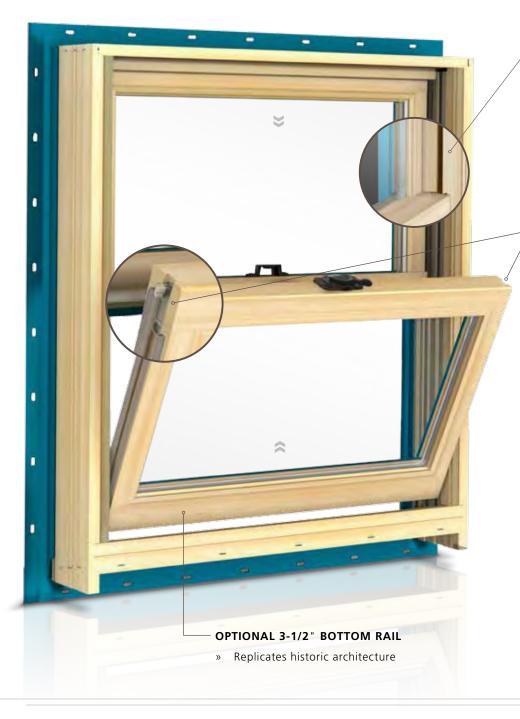
# DOUBLE-HUNG WINDOWS

No other windows convey the sense of traditional American design like our double-hung windows. They feature an upper and lower sash that slide vertically past each other in a single frame. The sash also tilt in for convenient cleaning. In addition, we offer double-hung sash replacement windows, which allow for easy installation.

We also offer large-scale Epic® series double-hung windows (shown below). They're ideal for either new projects or historic renovations, feature extruded sash components, and can be incorporated into new or existing rough openings that are up to 5'6" wide and 8'6" tall or up to 4'6" wide and 10'6" tall, respectively.



# DOUBLE-HUNG FEATURES & OPTIONS



#### **CONCEALED JAMB LINER**

- Replicates historic architecture
- No exposed track
- Cover will match interior specie and finish



#### **DELUXE CAM-LOCK WITH CONCEALED TILT LATCH**

- Tilt Sash allows for easy cleaning from the inside of your home
- » A single mechanism controls both the locking and tilting of the sash
- Tilt latches are concealed within the sash for a clean, streamlined appearance



#### **DOUBLE-HUNG**

Uses moving sash on top and bottom to increase usability and air circulation

#### AVAILABLE HARDWARE FINISHES\*











Chrome



Chrome



White



Bronze









Powder-Coat Satin Nickel<sup>†</sup> Black

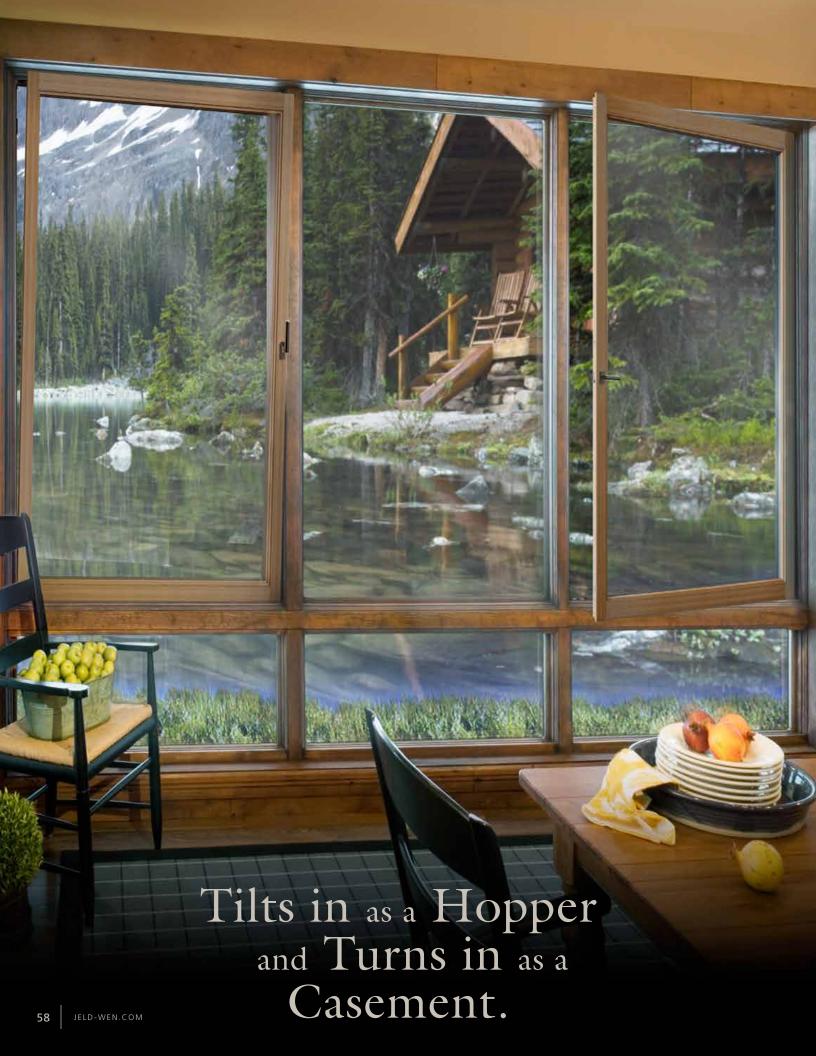
<sup>\*</sup>Finishes may appear different due to variations in printing \*\*Oil-Rubbed Bronze will change in appearance over time †Available with optional PVD finish for increased resistance to wear and discoloration

# SASH REPLACEMENT SYSTEM



#### SASH REPLACEMENT SYSTEM

Includes all of the necessary parts and hardware for replacing existing windows while keeping trim and frame intact



# TILT & TURN WINDOWS

Attain both elegance and versatility with Custom Wood tilt & turn windows. From small bedroom windows to large openings, the functionality, energy efficiency and high-end appearance of our tilt & turn window is second to none. This design is inspired by European trends, delivering the functionality of a casement window and the ventilation of a hopper window all in one.



#### AVAILABLE HARDWARE FINISHES\*









Powder-Coat Black

Satin Nickel

Brushed Chrome

Powder-Co White



# **AWNING WINDOWS**

These versatile windows are compatible with a variety of architectural styles. They're hinged at the top and open out from the bottom in an upward swing.



#### **DUAL LOCK LEVERS**

For easy, smooth operation and increased security

#### NESTING FOLDING HANDLE OR PUSH-OUT HANDLE AVAILABLE

Our stylish nesting folding handle allows for hassle-free movement of window treatments while our simple and secure push-out handle is reminiscent of old-world charm but with the added benefits of modern security.

#### AVAILABLE HARDWARE FINISHES\*











Polished Brass



Brushed Chrome



Polished Chrome



Powder-Coat White



Chestnut Bronze



Desert Sand





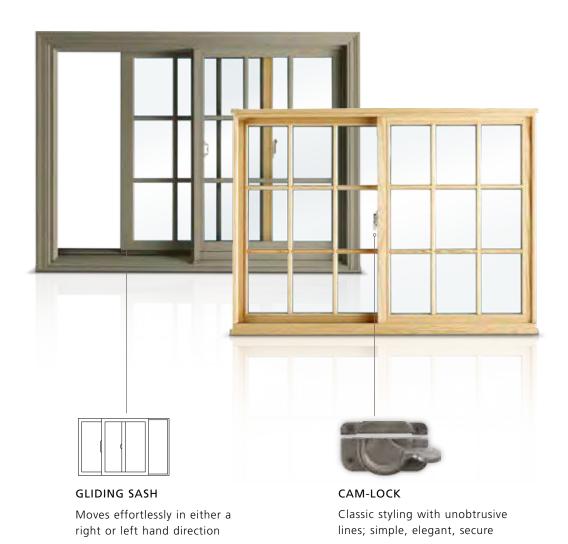
Powder-Coat Satin Nickel<sup>†</sup> Black

<sup>\*</sup>Finishes may appear different due to variations in printing \*\*Oil-Rubbed Bronze will change in appearance over time †Available with optional PVD finish for increased resistance to wear and discoloration



# SLIDING WINDOWS

Streamlined sliding windows allow for ventilation without taking up additional space when open. Each one has a sliding sash and a sash that glides to the right or left.



#### AVAILABLE HARDWARE FINISHES\*











Polished Brass



Brushed Chrome



Polished Chrome



White



Chestnut Bronze



Desert Sand





Powder-Coat Satin Nickel<sup>†</sup> Black

<sup>\*</sup>Finishes may appear different due to variations in printing \*\*Oil-Rubbed Bronze will change in appearance over time †Available with optional PVD finish for increased resistance to wear and discoloration

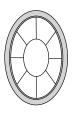


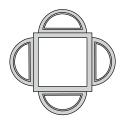


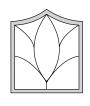
# FIXED, RADIUS & GEOMETRIC WINDOWS

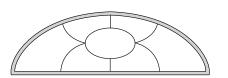
Our fixed, radius and geometric windows are a distinctive choice that can emphasize a home's architecture or a stunning vista. They're available as fixed (direct set or in-sash) units or operating units in a wide range of standard shapes and sizes. In addition to our standard offerings, you may select a custom design for a unique look.













# ANATOMY OF A DOOR



# ANATOMY OF A CUSTOM WOOD DOOR

- 1. Head jamb
- 2. Top rail
- Lites
- 4 Grill
- 5. Handle set
- 6. Keyway
- 7. Glazing/glass
- 8. Stile
- 9. Bottom rail
- 10. Transom
- 11. Sidelight
- 12 Panel
- 13. Side jamb
- 14. Sill

The patio door frame consists of the head jamb, side jamb and sill.

Open your home to the joy of nature and protect it from the harshest weather.

Our enduring patio doors make it possible.





# Style and individuality.



# FOLDING & MULTI-SLIDE PATIO DOOR SYSTEMS



Folding or multi-slide patio door systems from JELD-WEN help to capture the beauty right outside your door. We believe that our systems offer the best combination of style, craftsmanship, reliability and individuality and are the perfect solution to bridge your indoor and outdoor living space. We've created a wide array of operating styles, sizes, exterior color and copper finishes and decorative options to suit your imagination and add a customized look to your home.





To see the complete Custom Clad Folding and Multi-Slide Patio Door Systems offering please request brochure #11-680 from your local dealer.

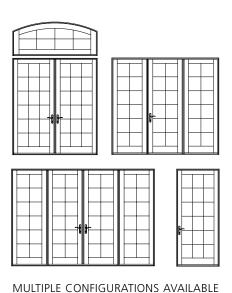


# SWINGING PATIO DOORS

Add charm to any home with French or center-swinging patio doors. These patio doors swing either out or in on side hinges. Both are built with the same design profile as our window line, which ensures architectural correctness.

In addition, we offer Epic® Series patio doors for new projects or historic renovations. They feature 6-5/8" stiles and a 10-1/4" bottom rail to incorporate commercial hardware needs.





4" X 4"
ADJUSTABLE HINGES
With stainless steel pin



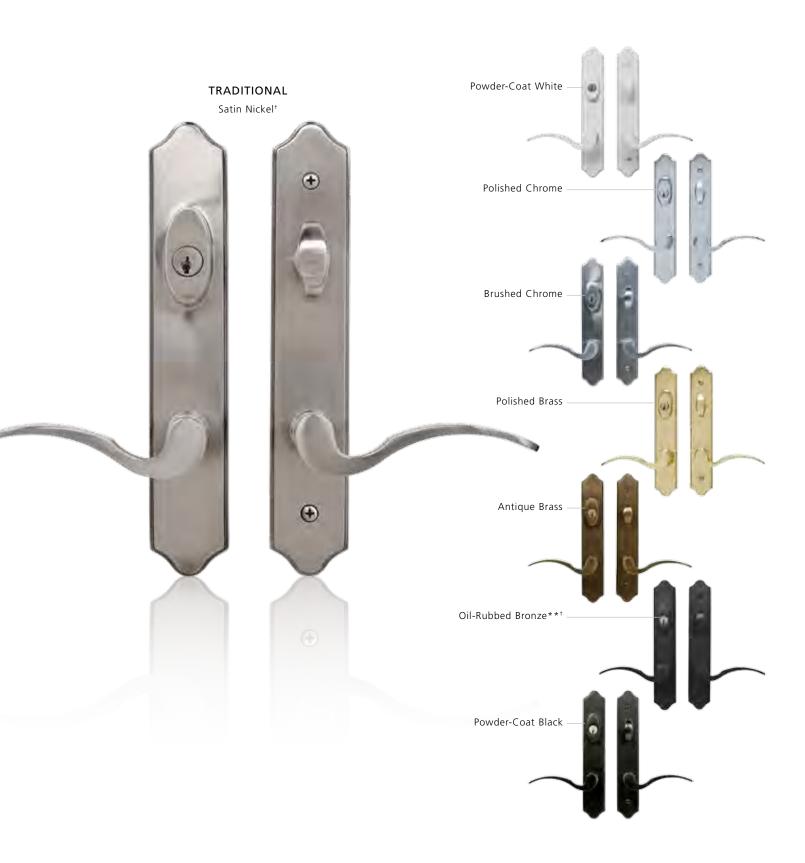
STANDARD BRONZE EXTRUDED ALUMINUM SILL

With thermal break; door panels are fitted with a dual-durometer vinyl sweep for increased energy efficiency.

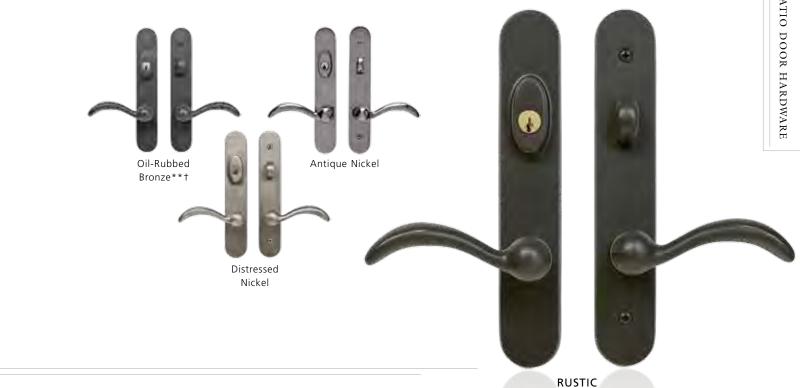


Outswing sill shown

# SWINGING PATIO DOOR HARDWARE



<sup>\*</sup> Finishes may appear different due to variations in printing \*\*Oil-Rubbed Bronze will change in appearance over time







# SLIDING PATIO DOORS

Our sliding patio doors join contemporary styling with the traditional warmth of wood. They open by gliding along horizontal tracks at the head and sill. Typically, they feature two panels, but they're also available in three- and four-panel designs.





TRADITIONAL MULTI-POINT HANDLE Also available

STEEL BALL BEARING TANDEM ROLLERS

Allow the panels to glide smoothly



EXTRUDED FIBERGLASS SILL

Adds to the strength and reliability of the door





# SLIDING PATIO DOOR HARDWARE







# SIDELIGHTS & TRANSOMS

Sidelights and transoms can increase the sense of elegance or drama in any home.

A sidelight is simply a window installed on one or both sides of a patio door. A transom is a fixed window (direct set or in-sash) set above another window or a door.



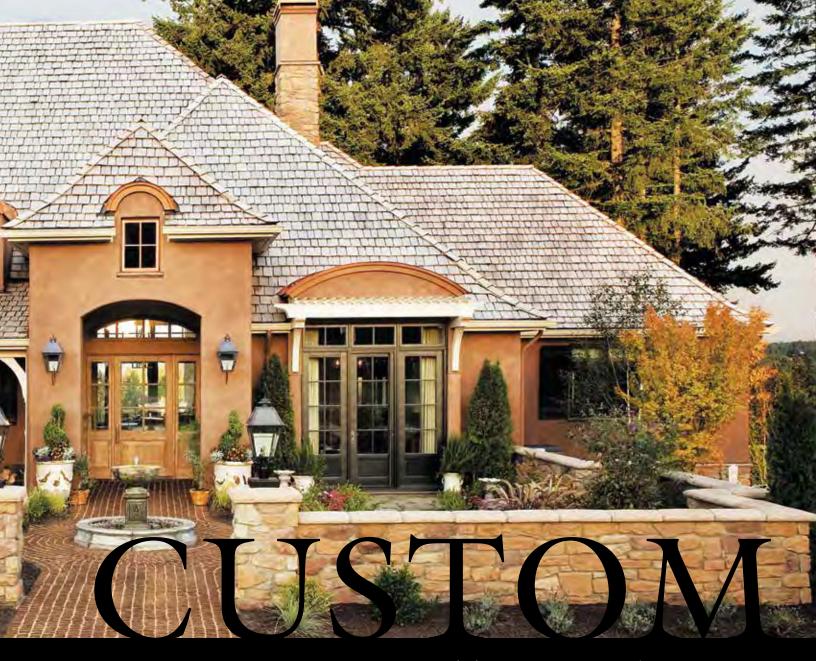


# Behold a collection crafted to accentuate your individuality.

For the complete line of JELD-WEN® Custom window and door catalogs visit us online at jeld-wen.com/custom or see your local dealer.







# jeld-wen.com/custom





CUSTOM WOOD INTERIOR DOORS









# CUSTOM CLAD ENTRY DOOR SYSTEMS



Your Custom Clad Wood window package blends perfectly with a Custom Clad entry door frame system. All 41 custom clad colors with Kynar 500<sup>®</sup> finish are available for entry door frame systems (or, choose your own--an optional color match is also available).

Custom Clad Wood windows and patio doors pair perfectly with Aurora® Custom Fiberglass exterior doors. These unique fiberglass exterior doors stand up to any climate and appear virtually indistinguishable from solid wood doors.



## FIBERGLASS ENTRY DOOR SELECTIONS

In the hands of JELD-WEN artisans, fiberglass is transformed into exceptionally beautiful doors. These doors feel and look like solid wood (even down to the knots and cracks). To enhance them, we offer luxurious woodgrain finishes and paint colors, sparkling glass options, and charming hardware options to support any design preference and architectural style. The combination of options you select allows you to enjoy a customized look. Whatever you choose, the resulting masterpiece will endure year after year.

To see the complete line of Aurora® doors refer to brochure #10-225 at jeld-wen.com/brochure.





A1322 Mahogany woodgrain door, Honey finish, optional 1-3/4" round clavos in dark patina



A1301
Knotty Alder woodgrain door, Antique Caramel finish, optional 1" round clavos, corner straps and speakeasy with rustic grille in dark patina



A1202 Knotty Alder woodgrain door, Caramel finish, optional 1-3/4" diamond clavos in dark patina



A362 Mahogany woodgrain door, Antique Cashmere finish, insulated glass, optional shelf (Note: 9-lite configuration in 8'0" door)



**A252**Mahogany Woodgrain Door, Sequoia Finish, A Glass (Clear Beveled, Rain), Polished Zinc Caming



**A412** Mahogany woodgrain door, Sequoia finish



**A225**Oak woodgrain door,
Honey finish



**A302** Mahogany woodgrain door, Cashmere finish

# FIBERGLASS ENTRY DOOR SELECTIONS



**A200**Paint Surface Doors, Khaki Finish, Y Glass (Clear Beveled, Reed, Glue Chip, Rain (Cotswald)), Patina Caming



A1208 Knotty Alder Woodgrain Panel Door, Antique Caramel Finish



A1301
Paint Surface Woodgrain
Segment Top Panel Door,
Custom Finish, Optional 1"
Round Clavos in Dark Patina



**A110**Oak Woodgrain Door, Mocha Finish, J Glass (Clear Beveled, Glue Chip), Brass Caming



A5037 Knotty Alder Woodgrain Door, Mocha Finish, Clear IG Glass with Heritage Grille in Dark Patina, Optional Segment Top

# STYLE & DESIGN



A5944 SDL Door and A5703 SDL Sidelight Mahogany Woodgrain, Sequoia Finish, Clear IG Glass



**A5506**Mahogany Woodgrain Segment Top SDL Doors, Mocha Finish, Clear IG Glass



A5037 Mahogany Woodgrain Door, Caramel Finish, Clear IG Glass with Century Grille in Dark Patina



**A110**Mahogany Woodgrain
Radius Top Panel Door,
Sequoia Finish



**A1202** Knotty Alder Woodgrain Panel Door, Chappo Finish

# JELD-WEN® WINDOW & PATIO DOOR LIMITED WARRANTY OUR WARRANTY TO YOU...

JELD-WEN® Products¹ are designed to create lasting value for your home. This warranty is effective for all JELD-WEN window and patio door Products (except United Collection products) manufactured on or after **February 1, 2014** for use in the United States and Canada. Any previous warranties will continue to apply to products manufactured by JELD-WEN prior to this date. For additional information, including care and maintenance instructions, installation instructions, and previous warranties, refer to **www.jeld-wen.com** or **www.jeld-wen.ca**.

## What this warranty COVERS

Except as set forth in the Special Coverages section below, we warrant that if your JELD-WEN Product exhibits a defect in material or workmanship within the time periods from the date of manufacture as specified below, we will, at our option, repair, replace or refund the purchase price of the Product or component part. Skilled labor<sup>2</sup> (where deemed necessary by us) to repair or replace any component is provided as specified below.

	Wood & Clad Wood	Vinyl	Aluminum (except Summit)	Summit Aluminum
Basic Product Coverage Owner-Occupied Single-Family Residence	20 years	as long as you own and occupy your residence	10 years	1 year
Basic Product Coverage Commercial (Other than Owner-Occupied Single-Family Residence)	20 years	10 years	2 years	1 year
Skilled Labor <sup>2</sup> Coverage	2 years	2 years	1 year	No coverage
<b>Transferability</b> - this length of coverage applies if you sell your residence or it becomes occupied by other than the original owner	10 years	10 years	Non-transferable	Non- transferable

## Special Coverages (Applies to both Owner-Occupied and Commercial)

The following Special Coverages apply to special product features and options; not all options are available on all products or in all regions.

Glass Options	Coverage	Notes		
Triple-Glazed Glass Units	20 years	Includes the glass panes and the insulating seal.		
ImpactGard® Glass Units	10 years			
Special Glazings	5 years	Includes laminated glass units other than ImpactGard, and glass options not listed in our product literature, e.g., leaded or decorative glass.		
Blinds/Shades Between the Glass	10 years	Includes the seal, external control mechanism, and operation of the shade/blind.		
Spontaneous Glass Breakage	1 year	Applies to sealed glass units installed in windows and patio doors. Laminated glass and special glazings are excluded. Coverage includes replacement glass and skilled labor <sup>2</sup> necessary to replace the glass for one year. (Spontaneous breakage occurs when the glass develops a crack without sign of impact.)		
Accidental Glass Breakage	Same as the Basic Product Coverage above (Owner- Occupied or Commercial)	Applies to vinyl Products ordered with the "RS" glass package. Not covered: damage attributable to acts of nature (e.g. fire, hurricane, etc.), civil disorder, building settling, structural failures of walls or foundations or improper installation, construction job-site mishaps, storage, or handling. Special glazings and ImpactGard glass are not covered by this glass breakage warranty.		
Finish Options	Coverage	Notes		
Clad Finish on Wood Products	Kynar®: 20 years Polyester: 10 years Anodized: 5 years	Coverage is for peeling, checking, cracking, or exhibiting excessive chalk, fade or color change <sup>3</sup> .	with factory applied Select Finish™ installed within one mile of a saltwater source (for example, an ocean or salt lake) or other corrosive environment require additional and specific maintenance requirements. Refer to our full care and maintenance	
Factory applied Select Finish™ exterior finish on Wood Products	10 years; 5 years at 100%, 50% thereafter	Coverage is for failure of adhesion, peeling, checking, flaking, cracking, or blistering.		
	5 years	Coverage is for exhibiting excessive chalk, fade or color change <sup>3</sup> .		
Factory Interior Finish on Wood Products	1 year	Coverage is for peeling, checking, or cracking. Should the factory interior finish be proven defective within this time period, we will at our option, replace or refinish the component or product, or offer a refinish credit up to \$50 per opening for windows or \$100 per opening for patio doors. This coverage applies to factory-applied finish coat options only; standard factory-applied primer is not a finish coat.		
Colored Exterior and Laminated Interior on Vinyl Products	10 years	Coverage is for peeling, blistering, or flaking, and excessive color change <sup>3</sup> . This coverage does not extend to discoloration, polish, surface damage, or alteration caused by the use of natural or chemical solvents or an environmental factor causing such damage.		

Other Special Coverages	Coverage	Notes	
AuraLast Protection for Wood Products	Owner-Occupied Single-Family Residence: as long as you own and occupy your residence	Coverage is for wood decay and/or termite damage in pine wood componen Warranty coverage outside Canada, the contiguous 48 states and Alaska contingent upon approval from the JELD-WEN Customer Care Department. Plea contact us.	
	Commercial: 10 years		
Custom Fiberglass Door Slabs	As long as you own and occupy your residence		
Factory Prefinish on Custom Fiberglass Doors	5 years	Should the factory prefinish be proven defective, we will at our option refinish the door or pay up to \$350.00 per opening to the current owner.	
Electric Operators	1 year	Coverage includes replacement parts and skilled labor necessary to replace the operator for one year.	
Retractable Roll Screens	5 years		
Accidental Screen Damage	Same as the Basic Product Coverage above (Owner- Occupied or Commercial	Applies to Bravo, Primo and Ipex Replacement window and patio door product lines. Not covered: damage attributable to acts of nature (e.g. fire, hurricane, etc.), civil disorder, building settling, structural failures of walls or foundations or improper installation, construction job-site mishaps, storage, or handling.	

#### **How To Get Assistance**

If you have a problem with your JELD-WEN Product, contact the dealer/distributor or contractor from whom you purchased your product or contact us directly:

	In the United States:	In Eastern Canada:	In Western Canada:	In Ontario Canada	
Mail:	JELD-WEN Customer Care Attn: Warranty Claims P.O. Box 1329 Klamath Falls, OR 97601	JELD-WEN Service Department 90, rue Industrielle Saint-Appollinaire, Quebec Canada GOS 2EO	JELD-WEN Service Department 550 Munroe Avenue Winnipeg, Manitoba Canada R2K 4H3	JELD-WEN Service Department 90 Stone Ridge Road Vaughan, Ontario Canada L4H 3G9	
Phone:	888-JWHelpU 888-594-3578	800-463-1930	888-945-5627 204-668-8230	800-440-2714 905-265-5700	
Fax:	800-436-5954	888-998-1599	204-663-1072	905-265-5704	
E-mail:	jeldwenwarranty@jeld- wen.com		wpgservice@jeld-wen.com		
Web:	www.jeld-wen.com/contact-us				

We can respond quickly and efficiently if you provide the following: a) product identification (from the original order/invoice, spacer code, permanent label, or the window identification number found on corner of glass), b) how to contact you, c) the address where the product can be inspected, and d) a description of the apparent problem and the product (photographs are helpful).

## What We Will Do

Upon receiving your notification, we will send out an acknowledgement within three business days to the contact, which you have provided. We will investigate your claim and will begin to take appropriate action within 30 days after receipt of notification. If your warranty claim is denied, we may charge an inspection fee for an onsite inspection that is required or requested by you.

If your claim is accepted, and we choose to repair or replace the product or a component of the product, the replacement product/ component will be provided in the same specification as the original product. Replacement components/products are warranted for the balance of the original product warranty or 90 days, whichever is longer.

If the claimed nonconformity is warp of a door slab, we may defer repairing or replacing the door slab for a period up to twelve (12) months from the date of claim. It is not uncommon for a temporary warp condition to occur as the door slab adjusts to local humidity and temperature conditions. This deferral will not be counted against the warranty period.

## **What This Warranty Does NOT Cover**

JELD-WEN is not liable for damage, product failure or poor product performance due to:

- Normal wear and tear, including normal wear and tear of weatherstrip; natural weathering of surfaces. Variance in color or texture
  of natural wood parts, and natural tarnishing of copper cladding are not considered defects.
- · Normal wear and tear to hardware and naturally occurring changes to hardware finishes (e.g., corrosion or tarnishing).
- Exposure to chemicals (e.g. brick wash) or a harsh environment (e.g. salt spray or airborne pollutants) unless otherwise stated above.
- Misuse, abuse or failure to properly finish and provide maintenance.
- Alteration or modification to the Product (e.g. customer applied tints or films, paint finishes, security systems).



- Any cause beyond the reasonable control of JELD-WEN (e.g. fire, flood, earthquake, other acts of nature, and acts of third parties
  outside of our control).
- Failure to provide an adequate overhang for fiberglass doors; damage caused by extreme temperature buildup where storm doors are present. For general guidelines, see our "Appropriate Protection for Exterior Doors" in our product literature or at www.jeld-wen.com/resources; for specific information pertaining to your structure, consult your contractor or other building professional.
- Improper installation not in conformance with JELD-WEN installation instructions (note: see www.jeld-wen.com for current installation
  instructions); operational problems and problems related to water and/or air infiltration/leaking as a result of improper installation or
  flaws in building design or construction.
- Installation into a condition that exceeds product design standards and/or certified performance specifications and/or is not in compliance with building codes.
- Extreme artificial temperature buildup or exposure (e.g., where storm doors/windows are present).
- Hardware or inserts that are not provided by us, such as locksets, door handles, strikes, etc.
- Condensation or damage as a result of condensation (Note: unless due to insulating glass failure, most condensation problems are related to excessive humidity levels in a structure. Contact a heating/air conditioning specialist for help).
- Wood decay in wood components other than of pine species and any components (including pine) that come in direct contact with soil. Note: superficial mold/mildew does not indicate wood decay.

#### JELD-WEN is also not liable for:

- Glass breakage (except as covered above).
- Screen damage due to normal wear and tear, misuse, abuse, or insect or animal activity (except as specifically covered above).
- Slight expansion or contraction due to varying environmental conditions; slab movement (shrinkage or swelling) of 1/4" or less due to temperature and humidity, consult the Homeowner's Manual on how to work with this natural movement.
- Slight imperfections or wavy distortions in the glass that don't impair structural integrity. Note: wavy distortions in the glass (e.g. related to laminate interlayer or heat strengthening of glass) are not considered a defect. Slight color variations in glass are not considered a defect.
- · Hairline cracks in factory-applied finishes; surface cracks that do not compromise the underlying material are not a defect.
- Damage or distortion to other property, including but not limited to, vinyl siding, building components or landscaping caused in whole or in part by reflection of light or heat from JELD-WEN windows or doors.
- Product or component performance decline due to aging, inert gas dissipation, natural processes or failure to provide proper maintenance.
   Note: Other than inert gas loss due to seal failure, the migration of an inert gas, such as argon, is a natural process that occurs over time and is not a defect.
- Labor and materials for repainting or refinishing activities or the removal or disposal of defective product(s); labor exceeding the time
  periods specified above.
- Incidental or consequential damage. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so this may not apply to you.

### Important Legal Information -- Please read this carefully. It affects your rights.

This Limited Warranty document sets forth our maximum liability for our products. We shall not be liable for special, indirect, consequential, or incidental damages. Your sole and exclusive remedy with respect to any and all losses or damages resulting from any cause whatsoever shall be as specified above. We make no other warranty or guarantee, either express or implied, including implied warranties of merchantability and fitness for a particular purpose to the original purchaser or to any subsequent user of the Product, except as expressly contained herein. In the event state or provincial law precludes exclusion or limitation of implied warranties, the duration of any such warranties shall be no longer than, and the time and manner of presenting any claim thereon shall be the same as, that provided in the express warranty stated herein. This Limited Warranty document gives you specific legal rights, and you may have other rights that vary from state/province to state/province.

Any dispute, controversy or claim arising out of or relating to this warranty, any alleged breach thereof, or the use or sale of the products to which this warranty applies shall be resolved by mandatory and binding arbitration administered by the American Arbitration Association in accordance with its commercial arbitration rules. Original purchaser agrees that they may assert claims against JELD-WEN in their individual capacity only, and not as a plaintiff or class member in any purported class action proceeding. Rejection of these dispute resolution provisions must be sent to JELD-WEN at the address provided herein within thirty (30) days of original purchaser's receipt of the Products to which this warranty applies.

No distributor, dealer or representative of JELD-WEN has the authority to change, modify or expand this warranty. The original purchaser of this Product acknowledges that they have read this warranty, understand it and are bound by its terms and agrees to provide this warranty to the original owner of the structure into which the Product is installed.

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<sup>&</sup>lt;sup>1</sup> "JELD-WEN Products" shall refer to window and patio door products (except United Collection products) manufactured in the United States and/or Canada and marketed under the JELD-WEN brand name for use in the United States and/or Canada. See our separate United Collection warranty, or our Export Warranty for applicable coverage on products used outside the United States and Canada.

<sup>&</sup>lt;sup>2</sup> "Skilled labor" refers to tasks where specialized technical knowledge, experience, methods or tools are required to properly identify, diagnose and/or correct product-related problems.

<sup>&</sup>lt;sup>3</sup> "Chalking" of the exterior finish is not a defect unless it exceeds a numerical rating of eight (8) when measured in accordance with the standard procedures specified in ASTM D4214. Fading or changing in color of the exterior finish is not a defect unless it exceeds five (5) E units, calculated in accordance with ASTM D2244, paragraph 6.2. Color change shall be measured on an exposed area of finish that has been cleaned of surface soils and chalk, and the corresponding values measured on the original or unexposed area of finish. Fading or color changes may not be uniform if the surfaces are not equally exposed to the sun and elements. If the above ASTM standards change, the standard in effect at the time of purchase applies. As an option to replacement, we may choose to refinish the product.

# ABOUT JELD-WEN

Since 1960, when JELD-WEN began with one Oregon millwork plant, we've been dedicated to crafting windows and doors that enhance the beauty and functionality of your home. Today we continue that tradition with products that are durable, energy efficient, and worry-free. Our extensive product offering is available globally through multiple distribution channels, including retail home centers, wholesale distributors and building products dealers.

We strive to conduct our business with the highest ethical standards. That includes providing our customers with superior products, establishing solid relationships in the communities where we live and work, and conserving valuable resources.

JELD-WEN's goal is to be the industry leader in environmentally responsible practices and to conduct our business in a manner that demonstrates environmental stewardship. At JELD-WEN, we believe that a healthy environment and healthy business practices go hand in hand.







The JELD-WEN website is your ultimate resource for learning about our windows and doors. It has all the product information and design advice you need. Visit us at **jeld-wen.com** today.





To see the complete Custom Wood Window & Patio Door Technical Specifications visit www.JELD-WEN.com to download a PDF.



