



VISUAL WARMTH THAT LASTS



*This catalog includes comprehensive information about features and specifications. For installation and maintenance instructions, call **800.JELD-WEN** or visit www.jeld-wen.com/resources.*



We carefully craft our Premium Wood Sitrline EX windows and patio doors to perfectly display the rich, warm beauty of wood year after year. You can count on them to be elegant, durable, energy efficient and, most importantly, worry-free.



Certifications

Our 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.

Table of Contents

Materials and components	4	Radius and geometric windows	22
Aesthetic options	6	Swinging patio doors	26
Glass types	10	Sliding patio doors	28
Awning windows.....	14	Product specifications	30
Casement windows	16	Warranty	141
Double-Hung windows.....	18	About JELD-WEN	143
Sliding windows	20		

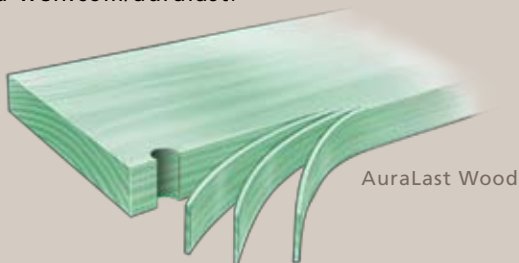


Auralast® wood *(patent pending)*

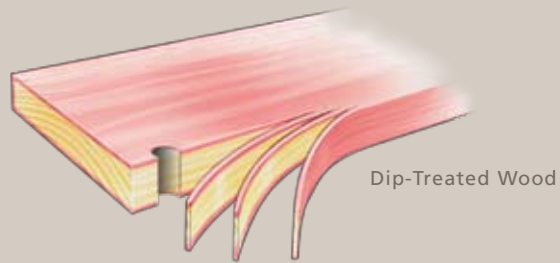
All Premium Wood Silestone EX windows and patio doors feature solid pine Auralast wood construction for superior protection from wood decay, water saturation and termites. JELD-WEN's proprietary, water-based vacuum-pressure process of creating Auralast wood has environmentally friendly aspects—it's 96% VOC-free. What's more, Auralast is supported by our exclusive 20-year warranty.

Auralast wood (shown in green) provides virtually 100 percent penetration of the protective ingredients—from the surface to the core. This means nail and screw holes or trimming and sanding cannot compromise the integrity of Auralast wood.

In contrast, other manufacturers use dip-treated wood (shown in red), which has only surface protection. This means the treatment's effectiveness will be compromised when the surface is broken during installation. To learn more visit www.jeld-wen.com/auralast.



Auralast Wood



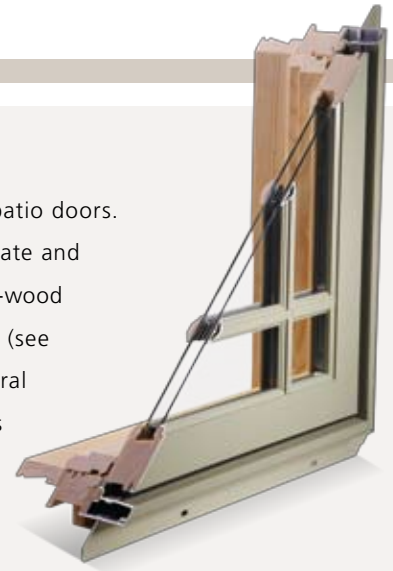
Dip-Treated Wood

NOTE: Colors are used for illustration purposes only; Auralast wood is visually identical to pine.

WELL-CRAFTED CONTENTS

Clad-Wood exteriors

For steadfast protection from the elements, select our clad-wood windows and patio doors. They feature durable metal cladding, so they're appropriate for almost every climate and require minimal maintenance. In addition to delivering enhanced performance, clad-wood exteriors are available in a range of clad color finishes to complement any home (see the following page for details). These windows and patio doors include an integral nailing fin that adds strength and durability, while also ensuring installation is faster, easier and more secure.



Wood exteriors

With wood exteriors, you gain greater design freedom, because they can be painted any color you desire. They're available with or without factory-applied primer. This primer helps paint adhere to the wood. What's more, since all our windows and patio doors feature AuraLast wood, there is a significant reduction in the amount the wood swells and contracts, so less maintenance is required.

Extruded frame and sash

To provide greater strength, Premium Wood Siteline EX windows and patio doors feature extruded frames and sash. This type of construction also ensures a uniform, architecturally correct look.

Primed wood frames with clad sash

This option lets you enjoy both the natural beauty of wood and the vibrant endurance of metal cladding. Select any one of our clad colors for the sash, and then paint the frame a complementary or contrasting color. Like our primed wood option, the frames feature factory-applied primer.

TegraTite™ installation system

TegraTite streamlines the installation process, making it easy to install a sill drainage system under Premium Wood windows and patio doors. Our sill drain mat sits on the rough opening and directs any incidental water away from the wall, keeping it dry. Combine that with our new butyl-based adhesive flashing tape for a tighter, more energy-efficient installation.



Learn more about TegraTite at www.jeld-wen.com/newinstallationtechnology.



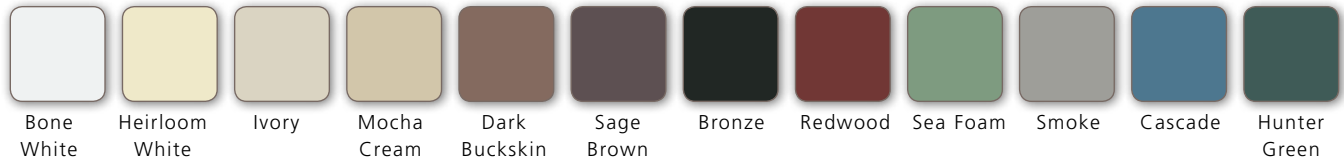
ENCHANTING CHOICES

Clad colors

Our windows and patio doors with clad-wood exteriors feature protective metal cladding with a baked-on finish that doesn't need to be repainted over time. We provide a number of clad color options, so you can pick a finish that will complement your home.



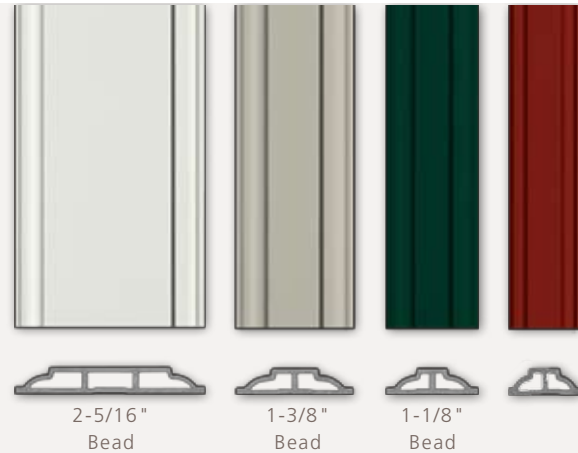
Optional colors



*Colors shown here may not match our clad colors exactly.

Simulated divided lites (SDL)

To achieve an authentic look, select our simulated divided lites (SDL). They feature grilles that are permanently attached to the exterior glass (aluminum for clad-wood exteriors, wood for primed wood exteriors), wood grilles adhered to the interior glass, and optional Light Brown or Silver shadow bars that are placed between the two panes of insulating glass. Grilles are available in 7/8", 1-1/8" and 1-3/8" sizes. We also offer 2-5/16" grilles for the classic look of a checkrail.



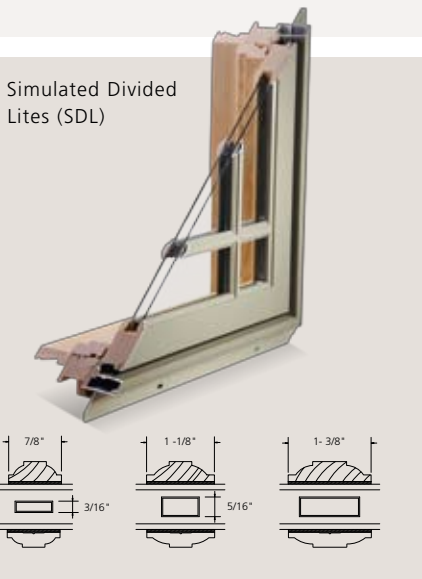
Full-Surround wood grilles (FS)

Our full-surround wood grilles can be removed for easy cleaning. These 7/8" grilles are positioned on the interior glass surface.

Grilles between the glass (GBG)

With grilles between the glass, you'll enjoy the look of divided lites without any upkeep. They are placed between the two panes of insulating glass. Select 5/8" flat or 23/32" or 1" contour metal airspace grilles in any of our clad colors.

Simulated Divided Lites (SDL)



Full-Surround (FS) and KD Removable Wood Grilles (Available on direct set only)



Grilles between the Glass (GBG)





Hardware finishes

We offer a variety of hardware finishes for our windows and patio doors.

Available Finishes for Windows



Available Finishes for Patio Doors***



Additional Hardware

T-handle (Casement and Awning)**



Round Knob (Casement and Awning)**



Sashlock (Double-Hung and Sliding)



Swinging Patio Door Handle



Sliding Patio Door Handle



Sliding Patio Door Handle



**Optional hardware

***Some finishes may be limited on multipoint and sliding patio door hardware



Mull covers

Our extruded metal-clad exterior mull covers, which join clad units together, come in four face widths. They may be factory-applied to setup units, and they're available in lineal lengths for field applications.

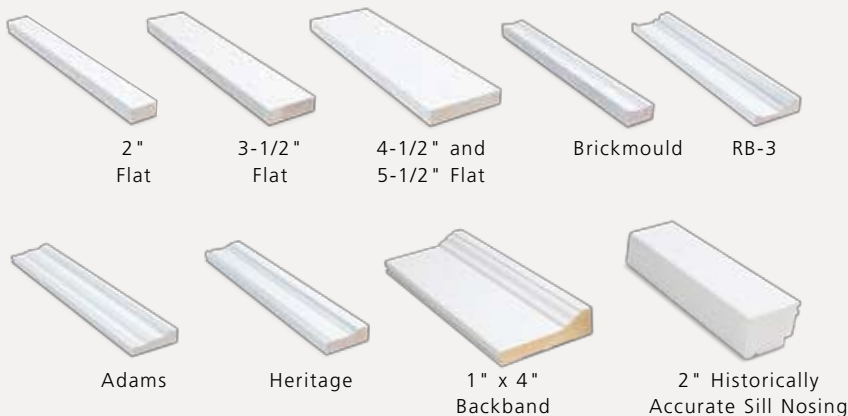
Frame expanders

Opening extenders and frame expanders extend unit size in lieu of creating a custom-size window or patio door. They are typically field-applied in masonry applications and may be trimmed (along 1/4" spaced scribe lines) to suit a range of dimensions. Frame expanders may also be employed for this purpose, but they're generally used to bridge a specific dimension that cannot be joined with standard exterior mull covers. Auxiliary casing with auxiliary sill nosing is available to provide continuity between the casing and sill.

Exterior trim

For a defining touch, select one of our exterior trim options. We offer factory-applied flat or Adams casings, sill nosing or brickmould for either wood or clad-wood exteriors. Other options for our wood exteriors include RB-3, Heritage and Profiled casings.

Primed Wood



Clad



Interior wood species

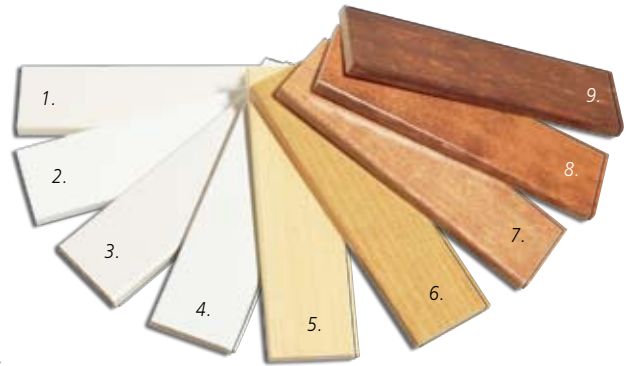
Increase a home's sense of visual harmony by choosing optional interior wood species to coordinate with trim, cabinetry and furnishings. In addition to pine AuraLast® wood, we offer alder, which features a fairly straight grain that blends well with cherry, maple or birch grain and knotty patterns.



Pine AuraLast Wood



Alder



Prefinished interiors

Our prefinished interiors are available for all our windows and patio doors. These options include four neutral acrylic colors, four stain colors, and a clear lacquer top coat.*

- | | | | |
|-------------------|-------------------|------------------|--------------|
| 1. Moderate White | 3. Natural Choice | 5. Clear Lacquer | 7. Cherry |
| 2. Extra White | 4. Pure White | 6. Wheat | 8. Fruitwood |
| | | | 9. Cordovan |

*Colors shown may not match final finish.

Interior trim

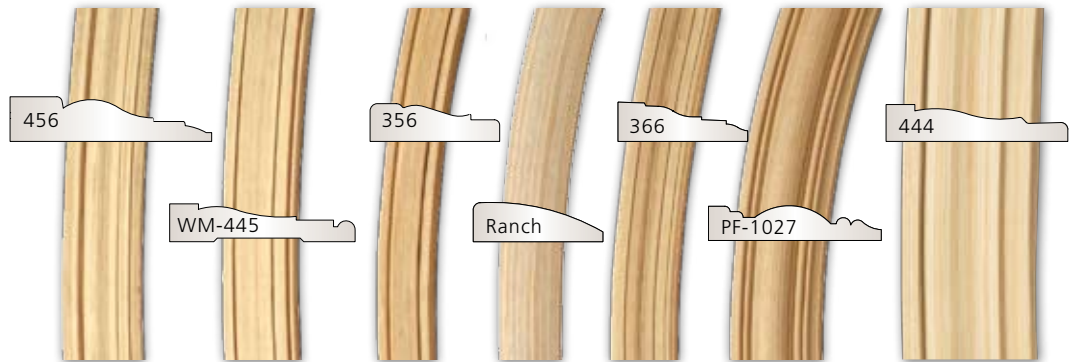
Interior radius casings are available in both pine and oak for radius (rounded) windows and patio doors. These casings come in several patterns. Corner blocks in pine and oak are also available.



Pine Corner Block



Oak Corner Block



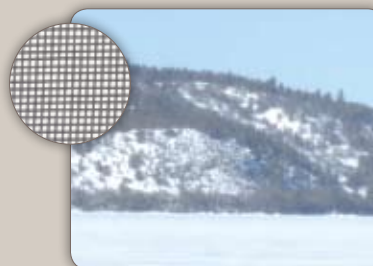
Phantom Screens® Technology

Our awning, casement and double-hung windows are now available with Phantom Screens Technology. This feature includes retractable insect screens that fully reveal beautiful exterior views. The screens are made to be durable, secure and easy to use, and they're designed to integrate seamlessly with the rest of the window. Screens for double-hung windows also have a removable track that allows sash to tilt for easy cleaning.



BetterVue™ screens

BetterVue screens come standard now with JELD-WEN® Premium Wood Sitrine EX windows. 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.



View through BetterVue insect screen



View through regular fiberglass insect screen

TRANSPARENT BEAUTY



Tinted and textured glass

We offer optional tinted glass that reduces glare and visible light transmittance, while also keeping homes more comfortable in warm weather. Tinted glass is ideal for climates with intense sunlight. We also offer optional textured glass, such as Obscure, which lets light in while maintaining privacy.

Tinted Glass



Grey tinted



Bronze tinted



Green tinted

Textured Glass



Glue Chip



Rain



Obscure



Seedy Reamy



Narrow Reed

Low-E and LoE³-366 insulating glass

Our standard Low-E insulating glass lowers energy costs, helps homes keep a comfortable temperature year round, prevents fading of interior furnishings, and reduces condensation. It delivers more visible light transmittance than tinted glass, too. We also offer optional LoE³-366 for increased heat gain protection and greater energy savings.



In warm weather, Low-E glass reflects the sun's energy and reduces heat gain in the home.



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

Dual Low-E

This feature is recommended for homes located at altitudes above 4,000 feet and requiring more energy efficiency than our standard Low-E glass.

Since high-altitude glass units have capillary tubes to equalize the pressure between the panes of glass, they cannot retain gas fills such as argon. Instead of the added insulation of argon, Dual Low-E has a second, separate coating of Low-E on the interior side of the interior pane of glass. This dual protection helps retain even more heat inside the home. Windows and patio doors with Low-E, LoE³-366, and Dual Low-E insulating glass are also ENERGY STAR® qualified, which means they exceed the minimum energy efficiency criteria for the climate region you live in (by as much as 40 percent).



Neat™ glass

With this option you gain all the energy-efficient benefits of Low-E glass, plus natural cleaning convenience. By harnessing the sun's UV rays (even with cloudy skies) to loosen dirt from the glass, rainwater can easily rinse away grime. No manual activation is required.

Neat is a trademark of Cardinal Industries.

High-altitude insulating glass

This option prevents glass panes from bowing in higher elevations. It includes breather tubes (between the panes of insulating glass) to equalize the airspace pressure with the atmosphere. It is not available with argon.

Tempered glass

This optional extra-strength glass can withstand force or pressure on its surface. And it will not break into sharp pieces. Local building codes often require tempered glass to be used in all windows that are close to the floor or near doors, bathtubs or showers.

Preserve® protective film*

Preserve protective film comes standard on our window and patio door glass. 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 or patio doors. What's more, it's easy to remove.

Preserve® Protective film is a trademark of Cardinal Glass Industries®.

**Not available on impact-resistant or single pane units.*



WOOD AND CLAD-WOOD WINDOWS





We offer many window styles, from classically appealing double-hung windows to the streamlined modern aesthetic of sliding windows. This range of styles lets you choose what's best for your project.

AWNING WINDOWS

An awning window is appropriate for many architectural styles, and it looks intriguing when grouped with other window types. It is hinged at the top and opens out from the bottom in an outward swing.

Interior Clad-Wood Awning



Exterior Clad-Wood Awning



T-handle (Casement and Awning)*



Round Knob (Casement and Awning)*



Standard Folding Nested Handle



*Optional hardware

Standard features

- Solid pine AuraLast® wood protects against wood decay, water saturation and termites
- Mortise-and-tenon joints for maximum strength and durability
- Full-perimeter weatherstrip on frame
- 4-9/16" jamb
- Nine standard clad colors (see page 6)
- Natural wood interiors ready for paint or stain
- Factory-applied exterior Brickmould
- Sash is 1-7/16" thick
- Concealed lock locations*
- Smooth, reliable dual-arm roto-operator for easy operation**
- Folding nested handle set
- Operators and locks available in White, Desert Sand or Chestnut Bronze (see page 7)
- Low-E insulating glass for greater energy efficiency
- BetterVue™ insect screens let in more light and keep more insects out***
- Charcoal fiberglass cloth insect screens with frames to match standard hardware colors***

Optional features

- Nine prefinished White or stained interiors
- Alder wood interior
- Polished Brass, Antique Brass, Brushed Chrome or Oil-Rubbed Bronze operators and locks (see page 7)
- Electric operators
- Glass options include LoE⁺-366, Dual Low-E, Neat™ tinted, textured, high-altitude insulating and tempered (see pages 10–11)

- Insect screens with Phantom Screens® Technology***
- Aluminum mesh insect screens with frames to match standard hardware colors***
- Divided lite options include simulated divided lites, full-surround wood grilles and grilles between the glass (see page 6)
- Factory-applied jamb extensions available up to 12"
- DP 60 rated

Additional features for clad-wood exteriors

- Exterior frame and sash surfaces covered with low-maintenance, extruded aluminum cladding with integral nailing fin
- Twelve optional clad colors (see page 6)
- Optional aluminum Brickmould, Adams and 3-1/2" flat casings (*not available for primed wood frames with clad-wood sash*)

Additional features for primed wood exteriors

- All exterior surfaces completely covered with factory-applied latex primer
- Optional natural (no prime) exterior available
- 2", 3-1/2", 4-1/2" and 5-1/2" flat casings are available with sill nosing
- Optional profiled, Adams, RB-3, Heritage and 1" x 4" backband casings
- Optional clad sill

For specifications, see page 31.

**One lock point on each side*

***Dyad split arm less than 20" wide*

****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 window or door. For safety screens and other security devices, contact your local building supply retailer.*

CASEMENT WINDOWS

A casement window perfectly complements the simplicity of modern design, while also providing maximum ventilation. This type of window is hinged on either side so the sash opens outward, to the right or left, in a swinging motion.

Standard features

- Solid pine AuraLast® wood protects against wood decay, water saturation and termites
- Mortise-and-tenon joints for maximum strength and durability
- Full-perimeter weatherstrip on frame
- 4-9/16" jambs
- Nine standard clad colors (see page 6)
- Natural wood interior ready for paint or stain
- Factory-applied exterior Brickmould
- Sash is 1-7/16" thick
- Concealed lock locations*
- Smooth, reliable dual-arm roto-operator for easy operation**
- Folding nested handle set
- Operators and locks available in White, Desert Sand or Chestnut Bronze (see page 7)
- Low-E insulating glass for greater energy efficiency
- BetterVue™ insect screens let in more light and keep more insects out***
- Charcoal fiberglass cloth insect screens with frames to match standard hardware colors***
- Insect screens with Phantom Screens® Technology***
- Aluminum mesh insect screens with frames to match standard hardware colors***
- Divided lite options include simulated divided lites, full-surround wood grilles and grilles between the glass (see page 6)
- Factory-applied jamb extensions available up to 12"
- DP 60 rated

Optional features

- Nine prefinished White or stained interiors
- Alder wood interior
- Polished Brass, Antique Brass, Brushed Chrome or Oil-Rubbed Bronze operators and locks (see page 7)
- Electric operators
- Glass options include LoE³-366, Dual Low-E, Neat™, tinted, textured, high-altitude insulating and tempered (see pages 10–11)

Additional features for clad-wood exteriors

- Exterior frame and sash surfaces covered with low-maintenance, extruded aluminum cladding with integral nailing fin
- Twelve optional clad colors (see page 6)
- Optional aluminum Brickmould, Adams, and 3-1/2" flat casings (*not available for primed wood frames with clad-wood sash*)

Additional features for primed wood exteriors

- All exterior surfaces completely covered with factory-applied latex primer
- Optional natural (no prime) exterior available
- 2", 3-1/2", 4-1/2" and 5-1/2" flat casings are available with sill nosing
- Optional profiled, Adams, RB-3, Heritage and 1" x 4" backband casings
- Optional clad sill

For specifications, see page 35.

**One lock up to 31-15/16", two locks up to 59-15/16", 3 locks up to 71-15/16", or four lock points up to 84"*

***Dyad split arm on units less than 20" wide, single-arm on operating radius units*

****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 window or door. For safety screens and other security devices, contact your local building supply retailer.*



Exterior Clad-Wood Double-Hung



Interior Wood Double-Hung



Sashlock

Double-hung sash replacement kit

Update the look of your double-hung window and enhance its performance with our sash replacement kit. It allows you to quickly and easily install new sash within an existing window frame. In most cases, you won't have to disturb interior or exterior walls and trim.

Each kit is available with a clad-wood or primed wood exterior, and it offers many of the features and options of our standard double-hung windows. The kit includes two energy-efficient sash, which have compression jamb liners, and all the necessary hardware. We also offer a Head Filler system with an additional wood head parting stop for older window designs. Complete information and an installation guide are available upon request.



SLIDING WINDOWS

Each of our sliding windows features clean lines for a streamlined look. Both sash in this type of window slide horizontally in grooves or tracks.



For specifications, see page 71.

**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 window or door. For safety screens and other security devices, contact your local building supply retailer.*



Exterior Clad-Wood Sliding

Interior Wood Sliding



Sashlock

Standard features

- Solid pine AuraLast® wood protects against wood decay, water saturation and termites
- Full-perimeter weatherstrip
- 4-9/16" jamb
- Nine standard clad colors (see page 6)
- Natural wood interior ready for paint or stain
- Factory-applied exterior Brickmould
- Sash is 1-7/16" thick
- Recessed cam-action sashlocks
- Dual sashlocks on units 3' and taller
- Sashlocks are available in White, Desert Sand or Chestnut Bronze (see page 7)
- Both sash slide effortlessly on an abrasion-resistant, full-width vinyl-to-vinyl slide
- Low-E insulating glass for greater energy efficiency
- BetterVue™ insect screens let in more light and keep more insects out*
- Charcoal fiberglass cloth insect screens with frames to match clad colors*
- Glass options include LoE³-366, Dual Low-E, Neat™, tinted, textured, high-altitude insulating and tempered (see pages 10–11)
- Aluminum mesh insect screens with frames to match clad colors*
- Divided lite options include simulated divided lites, full-surround wood grilles and grilles between the glass (see page 6)
- Factory-applied jamb extensions available up to 12"
- DP 60 rated

Additional features for clad-wood exteriors

- Exterior frame and sash surfaces covered with low-maintenance, extruded aluminum cladding with integral nailing fin
- Twelve optional clad colors (see page 6)
- Optional aluminum Brickmould, Adams and 3-1/2" flat casings (*not available for primed wood frames with clad-wood sash*)

Additional features for primed wood exteriors

- All exterior surfaces completely covered with factory-applied latex primer
- Optional natural (no prime) exterior available
- 2", 3-1/2", 4-1/2" and 5-1/2" flat casings are available with sill nosing
- Optional profiled, Adams, RB-3, Heritage and 1" x 4" backband casings
- Optional 2" historically accurate sill nosing

Optional features

- Nine prefinished White or stained interiors
- Alder wood interior
- Polished Brass, Antique Brass, Brushed Chrome or Oil-Rubbed Bronze sashlocks (see page 7)

RADIUS AND GEOMETRIC WINDOWS

Every radius and geometric window is unique. These windows are direct or sash glazed and come in a wide array of beautiful shapes, such as half-round, quarter-round, full round segment arch and elliptical.

Standard features

- Solid pine AuraLast® wood protects against wood decay, water saturation and termites
- Curved radius components created with multiple layers of premium veneers, laminated and bonded with water-resistant glue
- 4-9/16" jambs
- Nine standard clad colors (see page 6)
- Natural wood interior ready for paint or stain
- Low-E insulating glass for greater energy efficiency
- Factory-applied exterior Brickmould

Optional features

- Nine prefinished White or stained interiors
- Alder wood interior
- Glass options include LoE³-366, Dual Low-E, Neat™, tinted, textured, high-altitude insulating and tempered (see pages 10–11)
- Divided lite options include simulated divided lites, full-surround wood grilles and grilles between the glass (see page 6)
- Factory-applied jamb extensions available up to 12"
- DP 60 rated

Additional features for clad-wood exteriors

- Exterior frame and sash surfaces covered with low-maintenance, extruded aluminum cladding with integral nailing fin
- Twelve optional clad colors (see page 6)
- Optional aluminum Brickmould, Adams and 3-1/2" flat casings (*not available for primed wood frames with clad-wood sash*)

Additional features for primed wood exteriors

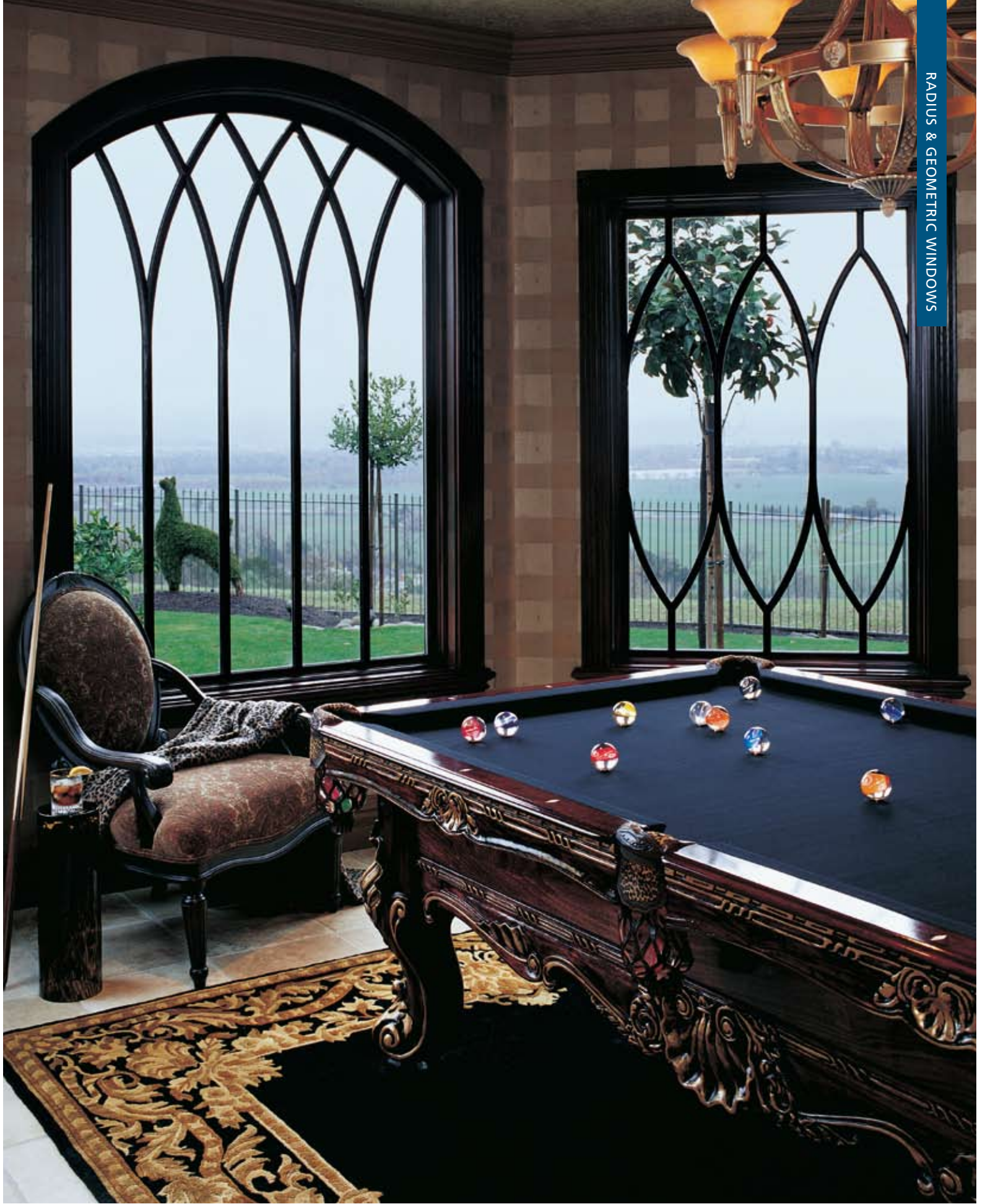
- All exterior surfaces completely covered with factory-applied latex primer
- Optional natural (no prime) exterior available
- 2", 3-1/2", 4-1/2" and 5-1/2" flat casings are available with sill nosing
- Optional profiled, Adams, RB-3, Heritage and 1" x 4" backband casings



Interior Wood Radius



Exterior Clad-Wood Trapezoid



T-handle (Casement and Awning)*



Standard Folding Nested Handle



Round Knob (Casement and Awning)*



Interior Wood Casement



Exterior Clad-Wood Casement



*Optional hardware

DOUBLE-HUNG WINDOWS

This window is best suited to traditional architectural styles. Double-hung windows feature an upper and lower sash that slide vertically past each other in a single frame. They also feature sash that tilt in for convenient cleaning.

Standard features

- Solid pine AuraLast® wood protects against wood decay, water saturation and termites
- Mortise-and-tenon joints for maximum strength and durability
- Weatherstrip at head jamb, checkrail and bottom rail
- 4-9/16" jambs
- Nine standard clad colors (see page 6)
- Natural wood interior ready for paint or stain
- Factory-applied exterior Brickmould
- Sash is 1-7/16" thick
- Non-compression jamb liners available in White or Ivory
- Recessed cam-action sashlocks
- Double-Hung windows with glass width of 36" or more have two sashlocks
- Sashlocks are available in White, Desert Sand or Chestnut Bronze (see page 7)
- Dual block and tackle balance system allows both sash to open easily
- Both sash tilt and lift out for easy cleaning
- Low-E insulating glass for greater energy efficiency
- BetterVue™ insect screens let in more light and keep more insects out*
- Charcoal fiberglass cloth insect screens with frames to match clad colors*

Optional features

- Nine prefinished White or stained interiors
- Alder wood interior
- Polished Brass, Antique Brass, Brushed Chrome or Oil-Rubbed Bronze sashlocks (see page 7)
- Glass options include LoE³-366, Dual Low-E, Neat™ tinted, textured, high-altitude insulating and tempered (see pages 10–11)
- Insect screens with Phantom Screens® Technology (minimum 6-9/16" jamb required)*
- Aluminum mesh insect screens with frames to match clad colors*
- Divided lite options include simulated divided lites, full-surround wood grilles and grilles between the glass (see page 6)
- Factory-applied jamb extensions available up to 12"
- Radius head or segment top tilt windows are available**
- DP 60 rated

Additional features for clad-wood exteriors

- Exterior frame and sash surfaces covered with low-maintenance, extruded aluminum cladding with integral nailing fin
- Twelve optional clad colors (see page 6)
- Optional aluminum Brickmould, Adams and 3-1/2" flat casings (*not available for primed wood frames with clad-wood sash*)

Additional features for primed wood exteriors

- All exterior surfaces completely covered with factory-applied latex primer
- Optional natural (no prime) exterior available
- 2", 3-1/2", 4-1/2" and 5-1/2" flat casings are available with sill nosing
- Optional profiled, Adams, RB-3, Heritage and 1" x 4" backband casings
- Optional 2" historically accurate sill nosing



For specifications, see page 49.

**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 window or door. For safety screens and other security devices, contact your local building supply retailer.*

***Top sash is fixed*

WOOD AND CLAD-WOOD PATIO DOORS





Our Premium Wood Sitaline EX patio doors create a graceful passage between your home and the world outside. We offer both swinging and sliding patio doors to meet your specific aesthetic and functional preferences.

SWINGING PATIO DOORS

Add an element of drama to your home, on either a small or grand scale, with a swinging patio door. These doors are available with one, two or more panels that swing either out or in on side hinges. This includes French doors, which open in the middle with no center mullion.

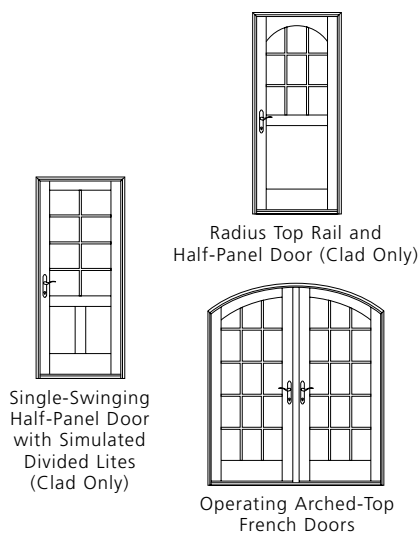
Standard features

- Solid pine AuraLast® wood protects against wood decay, water saturation and termites
- Selected stiles have a pine TimberStrand® core for added strength and dimensional stability
- TimberStrand stiles feature solid wood end caps
- Frames are 1-1/4" thick at the head and side jambs and 11/16" at the sill
- Nine standard clad colors (see page 6)
- Bronze-colored, wrapped foam sill weatherstrip and sweep
- 4-9/16" jambs
- Natural wood interior ready for paint or stain
- Factory-applied exterior Brickmould
- Both single-point locking or optional multipoint locking systems include integral deadbolt locking for greater security
- Handle sets available in Polished Brass or Antique Brass (see page 7)
- In-swinging doors have heavy-gauge plated hinges that are color-matched to the handle sets
- Out-swinging doors have solid heavy-gauge hinges that are brushed stainless steel
- Tempered Low-E insulating glass for greater energy efficiency
- Exterior swinging screen for single-swinging or French in-swinging doors hinged to match the door panel available in our clad colors with tough 18x16 Charcoal fiberglass mesh*
- Sliding exterior screen available for two-, three- and four-panel single-swinging, in-swinging doors in our nine clad colors with tough 18x16 Charcoal fiberglass mesh*

- Segment-head doors available in single-swinging or French units up to 10' 0" (limitations may apply)
- Continuous heads and sills available up to 12' 0"
- Variety of sidelights and transoms that may be factory-mulled (certain restrictions apply; for specifications see page 95)

Optional features

- Nine prefinished White or stained interiors
- No-bore
- ADA-compliant sill
- Powder-coated White, Satin Nickel, Brushed Chrome, Polished Chrome or Oil-Rubbed Bronze handle sets (see page 7)
- Glass options include LoE³-366, Dual Low-E, Neat™ tinted, textured and high-altitude insulating (see page 10)
- Divided lite options include simulated divided lites, full-surround wood grilles and grilles between the glass (see page 6)
- Factory-applied jamb extensions available up to 9-1/16" for in-swinging and 12" for out-swinging
- DP 60 rated





Additional features for clad-wood exteriors

- Exterior frame and panel surfaces completely covered with low-maintenance, extruded aluminum cladding (.050" frame and .060" panels) with integral nailing fin
- Twelve optional clad colors (see page 6)
- Optional aluminum Brickmould, Adams and 3-1/2" flat casings (not available for primed wood frames with clad-wood sash)
- Half-panel in two vertical or single horizontal style available
- Additional heights available: 7' 3", 9' 0" and 10' 0"
- Segment tops available (for in-swinging doors only)

Additional features for primed wood exteriors

- All exterior surfaces completely covered with factory-applied latex primer
- Optional natural (no prime) exterior available
- 2", 3-1/2", 4-1/2" and 5-1/2" flat casings are available with sill nosing
- Optional profiled, Adams, RB-3, Heritage and 1" x 4" backband casings

For specifications, see page 96.

**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 window or door. For safety screens and other security devices, contact your local building supply retailer.*

SLIDING PATIO DOORS

This type of patio door is perfect for nearly any patio or deck. It opens by sliding along horizontal tracks at the head and sill. We offer two types of sliding patio doors: the 300 Series and the 400 Series. The 300 Series has traditional narrow stiles and rails. The 400 Series features wide stiles and bottom rails for a charming, country look. Both series offer two-, three- and four-panel designs.

Standard features

- Solid pine AuraLast® wood protects against wood decay, water saturation and termites
- Nine standard clad colors (see page 6)
- Selected stiles have a pine TimberStrand® core for added strength and dimensional stability
- Frames are 1-7/32" thick at the head and side jambs and 11/16" at the sill
- Engineered weatherstrip system at parting stop, head and side jambs, interlock and sill
- Single stationary panel or multiple combinations of stationary and operating panels (up to four)
- Four-panel quad door, with a bi-parting door, can fill openings up to 16'0" wide by 8'0" high
- Operating door panel rolls on the inside track and glides easily on two sets of adjustable tandem steel ball bearing rollers
- 4-9/16" or 6-9/16" jambs
- Natural wood interior ready for paint or stain
- Factory-applied exterior Brickmould
- Handle set available in in Polished Brass or Antique Brass (see page 7)
- Single-point locking or optional multipoint locking system
- Tempered Low-E insulating glass for greater energy efficiency
- Exterior sliding screen slides on the outside track on two sets of adjustable rollers located at the top and bottom*
- Screens are available in our clad colors with tough 18x16 Charcoal fiberglass mesh*
- Single sliding screen for two-panel door and double sliding screen for quad door*
- Variety of sidelights and transoms that may be factory-mulled (certain restrictions apply; for specifications see page 121)

Optional features

- Nine prefinished White or stained interiors
- White, Polished Chrome, Brushed Chrome or Imitation Oil-Rubbed Bronze handle sets (see page 7)
- Glass options include LoE³-366, Dual Low-E, Neat,[™] tinted, textured and high-altitude insulating (see pages 10–11)
- Divided lite options include simulated divided lites, full-surround wood grilles and grilles between the glass (see page 6)
- Single-point and multipoint handle sets are available in Polished Brass, Antique Brass, Brushed Chrome, White or Oil-Rubbed Bronze (Black can be special ordered) (see page 7)
- Factory-applied jamb extensions available up to 9-3/8"
- DP 60 rated

Additional features for clad-wood exteriors

- Exterior frame and panel surfaces completely covered with low-maintenance, extruded aluminum cladding (.050" frame and .060" panels) with integral nailing fin
- Twelve optional clad colors (see page 6)
- Optional aluminum Brickmould, Adams and 3-1/2" flat casings (*not available for primed wood frames with clad-wood sash*)

Additional features for primed wood exteriors

- All exterior surfaces completely covered with factory-applied latex primer
- Optional natural (no prime) exterior available
- 2", 3-1/2", 4-1/2" and 5-1/2" flat casings are available with sill nosing
- Optional profiled, Adams, RB-3, Heritage and 1" x 4" backband casings

For specifications, see page 122.

**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 window or door. For safety screens and other security devices, contact your local building supply retailer.*



Interior Sliding Patio Door 300 Series

Exterior Sliding Patio Door 300 Series



Optional Legacy
Sliding Patio
Door Handle



Interior Sliding Patio Door 400 Series

Exterior Sliding Patio Door 400 Series



Standard
Sliding Patio
Door Handle

JELD-WEN® PREMIUM WOOD WINDOW AND PATIO DOOR PRODUCT SPECIFICATIONS



JELD-WEN reserves the right to change product specifications without notice.

Please check our website, www.jeld-wen.com/architectural_specs, for current information.

JELD-WEN® WOOD AND METAL-CLAD WOOD WINDOW & PATIO DOOR 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 wood and metal clad wood products manufactured on or after **January 1, 2008** 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, maintenance and installation instructions, refer to www.jeld-wen.com.

What This Warranty COVERS

We warrant that JELD-WEN products will be free from defects in material or workmanship as identified below from the date of manufacture for the time periods described below. This warranty includes **free** replacement parts to replace components of the window or patio door. Skilled labor² (where deemed necessary by us) to repair or replace components is provided for **two (2)** years (unless specified otherwise).

Twenty Year Limited Warranty for Window & Patio Door Products (insulating glass, metal clad and wood parts, and hardware unless specified otherwise)

We warrant your window, patio door and component parts (e.g. exterior casing provided by JELD-WEN) thereof for **twenty (20)** years. This includes coverage for **twenty (20)** years for wood cellular structure failure (often referred to as "wood cellular breakdown") caused by decay and/or termites in JELD-WEN manufactured **pine** wood products. Warranty coverage outside Canada, the contiguous 48 states and Alaska is contingent upon approval from the JELD-WEN Customer Care Department. Please contact us.

Clad Finish*: Under normal atmospheric conditions, the clad finish on your metal clad window or patio door manufactured by us will be free from defects as follows:

- Custom Collection Kynar® finishes are warranted for **twenty (20)** years and will not peel, check, crack, or exhibit excessive chalk, fade or color change³.
- All other products that include polyester finishes are warranted for **ten (10)** years and will not peel, check, crack, or exhibit excessive chalk, fade or color change³.

*The term "clad finish" means the painted finish on metal cladding. Clad products installed within one mile of a salt-water source (or other corrosive environment) require additional and specific maintenance requirements. Refer to our full care and maintenance instructions.

Special Coverages

ImpactGard® Glass: We warrant each ImpactGard glass unit for **ten (10)** years.

Special Glazings (including laminate glass units other than ImpactGard): We warrant special glazings (including glass options not listed in our product literature e.g., leaded or decorative glass) for **five (5)** years.

Electric Operators: We warrant electric operators provided by us for **one (1)** year (to include free replacement parts and skilled labor² necessary to replace the operator for **one (1)** year).

Spontaneous Glass Breakage: We warrant sealed glass units installed in windows and patio doors (excluding laminated glass, and special glazings) for spontaneous breakage for **one (1)** year (to include free replacement glass and skilled labor² necessary to replace the glass for **one (1)** year. Spontaneous breakage occurs when the glass develops a crack without sign of impact.

Transferability

In the event you sell your residence/building, this warranty is transferable to subsequent owners. In the event you sell your residence/building or it becomes occupied by other than the original owner, the warranty is **ten (10)** years from the date of manufacture (except as indicated under Special Coverages above).

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:

Mail: JELD-WEN Customer Care
Attn: Wood/Metal Clad Wood Warranty Claims
P.O. Box 1329 Klamath Falls, OR 97601
Phone: 888-JWHelpU (888-594-3578)
Fax: 800-436-5954
E-mail: jwwoodwarranty@jeld-wen.com

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 acknowledgment within three business days. We will investigate your claim and will begin to take appropriate action within 30 days after notification. If it is determined that the product does not have a defect covered by the labor warranty, we may charge an inspection fee for any onsite inspection that is required or requested by you. Because manufacturing materials and techniques can change, replacement part(s) may not be an aesthetic match to the original. Replacement components/products are warranted for the balance of the original product warranty or 90 days, whichever is longer. If we determine we are unable to provide replacement parts and repair is not practicable or cannot be made timely, then we will refund the unit/component purchase price. This guarantee gives you specific legal rights, and you may have other rights that vary from state/province to state/province.

What This Warranty Does NOT Cover

JELD-WEN is not liable for:

- Normal wear and tear; 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).
- Damage caused by chemicals (e.g. brick wash) or a harsh environment (e.g. salt spray or airborne pollutants) unless otherwise stated above.
- Product failure due to misuse or abuse; damage caused by failure to properly finish and provide maintenance, by alteration or modification to the window (e.g. customer applied tints or films, paint finishes, security systems), or as a result of any cause beyond the control of JELD-WEN (e.g. fire, flood, earthquake, other acts of nature, and acts of third parties outside of our control).
- Glass breakage (except spontaneous breakage as covered above).
- 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.
- 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.
- Damage or poor product performance resulting from installation into a condition that exceeds product design standards and/or certified performance specifications and/or is not in compliance with building codes.

What This Warranty Does NOT Cover-Continued

JELD-WEN is not liable for:

- Damage caused by extreme artificial temperature buildup or exposure (e.g., where storm doors/windows are present).
- 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.
- Screen damage due to normal wear and tear, misuse, abuse, or insect or animal activity.
- 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).
- Labor and materials for repainting or refinishing activities, or the removal or disposal of defective product(s); labor exceeding the time periods specified above.
- Wood cellular structure failure for 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 cellular structure failure.
- 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

This Warranty 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.

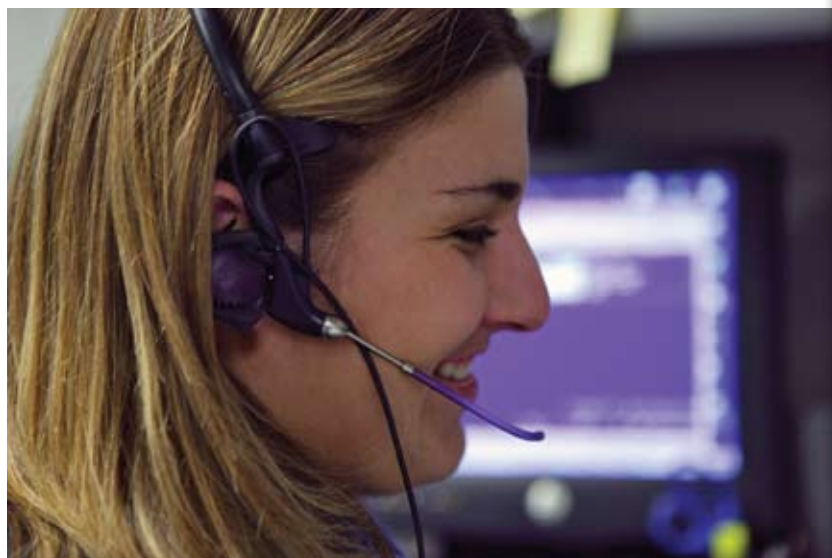
No distributor, dealer or representative of JELD-WEN has the authority to change, modify or expand this warranty. The original purchaser of this product acknowledges that they have read this warranty, understand it and are bound by its terms and agrees to provide this warranty to the original owner of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

¹ "JELD-WEN products" shall refer to wood and metal clad wood window and patio door products manufactured in the United States and marketed under the JELD-WEN brand name for use in the United States and Canada. See our separate Export Warranty for applicable coverage on products used outside the United States and Canada.

² "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.

³ "Chalking" of the clad 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 "clad finish" is not a defect unless it exceeds five (5) E units (NBS), calculated in accordance with ASTM D2244, paragraph 6.3. Color change shall be measured on an exposed "clad finish" that has been cleaned of surface soils and chalk, and the corresponding values measured on the original or unexposed "clad 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.

©2008, JELD-WEN, inc. | JELD-WEN and ImpactGard are registered trademarks of JELD-WEN, inc., OREGON, USA. All other trademarks are the property of their respective owners.



ABOUT JELD-WEN

SINCE 1960, when JELD-WEN began as a small Oregon millwork plant, we've been dedicated to creating reliable windows and doors that are energy efficient, beautiful and worry-free.

JELD-WEN is proud to be a member of the Green Building Initiative (GBI). GBI is a nonprofit organization that accelerates green building practices by promoting environmentally progressive approaches that are practical, affordable and accessible to mainstream builders, architects and developers. As a member, we help state and local homebuilder associations develop local green building programs that are appropriate for their regions. These programs then help builders develop homes that are energy efficient, healthier to live in, and better for the environment.

We also believe in supporting our communities. One way we do this is through the JELD-WEN Tradition Foundation, which provides charitable funds to educational organizations. We've been the title sponsor of the JELD-WEN Tradition on the PGA TOUR's Champions Tour since 2003; we're a Proud Partner of THE PLAYERS; and we're the official window, door and millwork provider of the PGA TOUR.



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

RELIABILITY *for real life*[®]



Official window, door and millwork provider of the PGA TOUR and Champions Tour

JELD-WEN
WINDOWS & DOORS



©2008, 2005 JELD-WEN, inc.; JELD-WEN, the JW icon, AuraLast, TegraTite and Reliability for real life are registered trademarks of JELD-WEN, inc., Oregon, USA. All other trademarks are the property of their respective owners. Phantom Screens[®] is a registered trademark of Phantom Mfg. (Int'l) Ltd.

JELD-WEN reserves the right to change product specifications without notice. Please check our website, www.jeld-wen.com, for current information.

11-618 12/08 (CDS 25M 2417)