



Inspiration Portfolio



We're for the visionaries.®



We're for people who take building to new levels.

We're for people who are passionate about design, who care about the big picture and the smallest detail. We're for people who aren't satisfied with mainstream options. They push the limits of what's possible with the options, innovations and custom solutions that can only be found in Kolbe windows and doors.



We're for expertise.

We're for people who dream of a personalized design experience. That's why you can't find Kolbe windows and doors in the aisles of a home center. You can only purchase our products from a Kolbe dealer, because Kolbe dealers are as passionate about windows and doors as you are about bringing your vision to life.

Leave the details in the hands of a Kolbe window specialist. They'll work with you to make your dream a concrete reality.

We're for possibilities.

We're for people who don't want to compromise their vision to fit anyone else's idea of "standard." We're for handmade touches and virtually limitless options that can't be found within the aisles of a home center.

At Kolbe, each product is truly built to order. Our craftspeople focus on building one window or door at a time, so they can create custom-built products to fulfill your vision.



We're for quality craftsmanship.

We're for a tradition of excellence that outlasts the latest design fad. The Kolbe story began with a family and a vision. 70 years after the Kolbe brothers began their commitment to producing premium quality windows and doors, products bearing their family name can be found in some of North America's most impressive projects.



We're for innovation.

We're for people who want to take building to new levels of performance, with advancements in not only extraordinary sizes and shapes, but also ground breaking products. We're for creative thinking that redefines what's possible.

Only Kolbe builds windows and doors that do the things you dream about. We're constantly reimagining our windows and doors to take building to new levels.

Let us bring your vision to life.



Table of Contents

Product Lines	4-5	Geometric Windows	16-17
Casements	6-7	Direct Sets	18-19
Awnings	8-9	Patio Doors	20-21
Double Hungs	10-11	Entrance Doors	22-23
Folding, Sliding, & Tilt-turn Windows	12-13	Options & Accessories	24-35
Radius Windows	14-15		



Product Lines

At Kolbe, each product is truly built to order. Our team members are craftspeople who focus on building one window or door at a time, exactly to your specifications. That's why we have time to focus on the details that make our products unique and help them perform efficiently in any climate.



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VistaLuxe® Collection

The VistaLuxe Collection was collaboratively developed with architects for designs that use clean lines and multiple units to create large expanses of glass. Products are available in two different exterior profile styles – Flush and Accent – to complement the design aesthetic of your project. An extruded aluminum exterior provides low-maintenance durability, while a wood interior proves that minimalist design can feel warm and organic.

- ▶ Direct sets
- ▶ Corner direct sets
- ▶ Casements
- ▶ Awnings
- ▶ Geometric direct sets
- ▶ Radius direct sets
- ▶ Swinging doors
- ▶ Complementary folding windows
- ▶ Complementary single, double, triple, & quad sliding windows
- ▶ Complementary multi-slide doors
- ▶ Complementary folding doors
- ▶ Complementary sliding patio doors



Ultra Series

Extruded aluminum clad wood windows and doors for either residential or commercial new construction and renovation – providing exceptional performance and style. Options are available for coastal areas requiring hurricane impact performance.*

- ▶ Crank-out casements & awnings
- ▶ Push-out casements & awnings
- ▶ XL casements & awnings
- ▶ Sterling double hungs
- ▶ XL Sterling double hungs
- ▶ Majesta® double hungs
- ▶ Traditional double hungs
- ▶ Replacement pocket double hungs
- ▶ Traditional replacement sash kits
- ▶ Single, double, triple, & quad sliding windows
- ▶ Tilt-turns
- ▶ Folding windows
- ▶ Geometric windows
- ▶ Radius windows
- ▶ Ogee & beveled direct sets
- ▶ Sliding & swinging patio doors
- ▶ TerraSpan® lift & slide doors
- ▶ Folding doors
- ▶ Multi-slide doors
- ▶ Inswing & outswing entrance doors
- ▶ Commercial doors

* Impact options are not available on all products. Please ask your dealer for more information.



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© Ryann Ford Photography

Heritage Series

Our line of wood windows and doors offers traditional design aesthetics – ideally suited to residential and commercial new construction and historical restoration. Options are available for coastal areas requiring hurricane impact performance.*

- ▶ Crank-out casements & awnings
- ▶ Push-out casements & awnings
- ▶ Inswing casements
- ▶ Sterling double hungs
- ▶ XL Sterling double hungs
- ▶ Majesta® double hungs
- ▶ Old World classic double hungs
- ▶ Traditional double hungs
- ▶ Traditional replacement sash kits
- ▶ Folding windows
- ▶ Geometric windows
- ▶ Radius windows
- ▶ Sliding & swinging patio doors
- ▶ Folding doors
- ▶ Inswing & outswing entrance doors
- ▶ Commercial doors



FORGENT® SERIES

Forgent Series products are constructed of Glastra®, a proprietary material formulated for strength and resilience. Limited options and short lead times for projects requiring windows and doors quickly make the Forgent Series a perfect choice for new construction or replacement.

- ▶ Casements
- ▶ Awnings
- ▶ Double hungs
- ▶ Sliding windows
- ▶ Forgent complementary specialty windows
- ▶ Forgent complementary sliding doors
- ▶ Forgent complementary inswing doors
- ▶ Forgent complementary outswing doors



Additional Doors

Doors that can be used for entrances or other areas to complete your project.

- ▶ Craftsman collection doors
- ▶ Fiberglass doors

* Impact options are not available on all products. Please ask your dealer for more information.

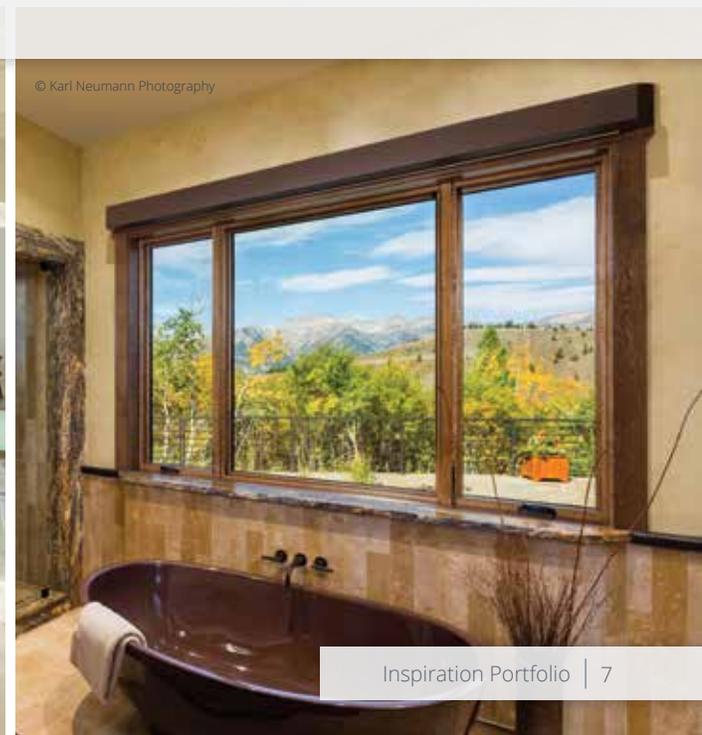
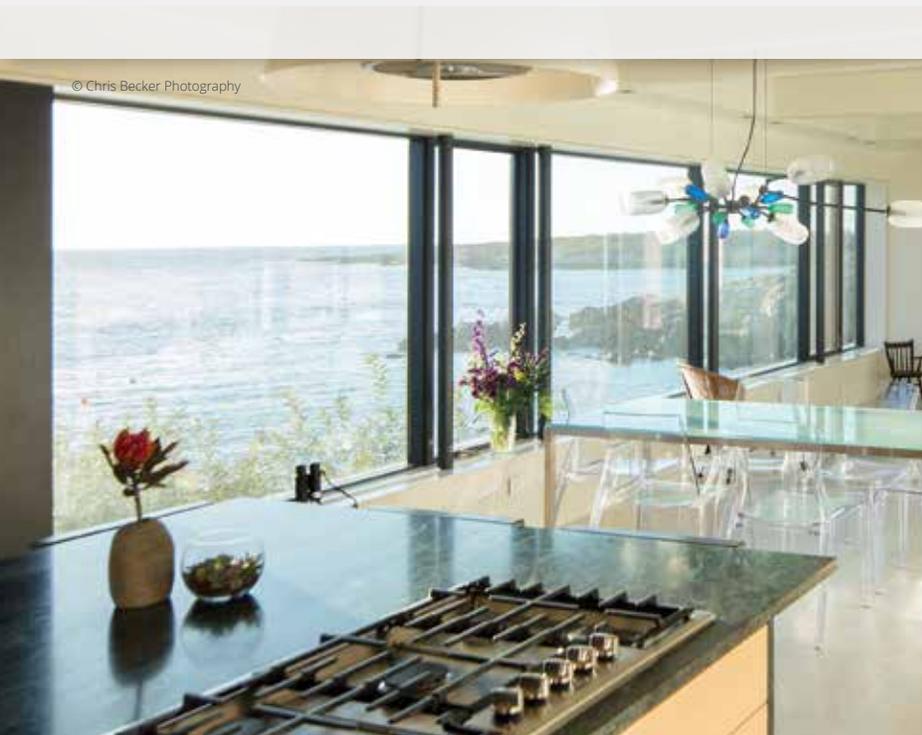




Casements

Offering convenience and plenty of daylight, Kolbe's casements open at the side and seal tightly to the frame. When open, they create an unobstructed view and allow breezes and sunlight to move freely in and out of your home. Kolbe's casement windows are available in a multitude of versatile styles, including French, segment head and half-circle top casements, to bring energy efficiency and superior style to every type of home. Kolbe's casement windows have many options for insect screens, including retractable screens.

*Crank-out Casements | Push-out Casements | Crank-out XL Casements | French Casements
Inswing Casements | Transom Units | Picture Combination Units | Bow & Bay Units
Segment Head Units | Half-circle Top Units*



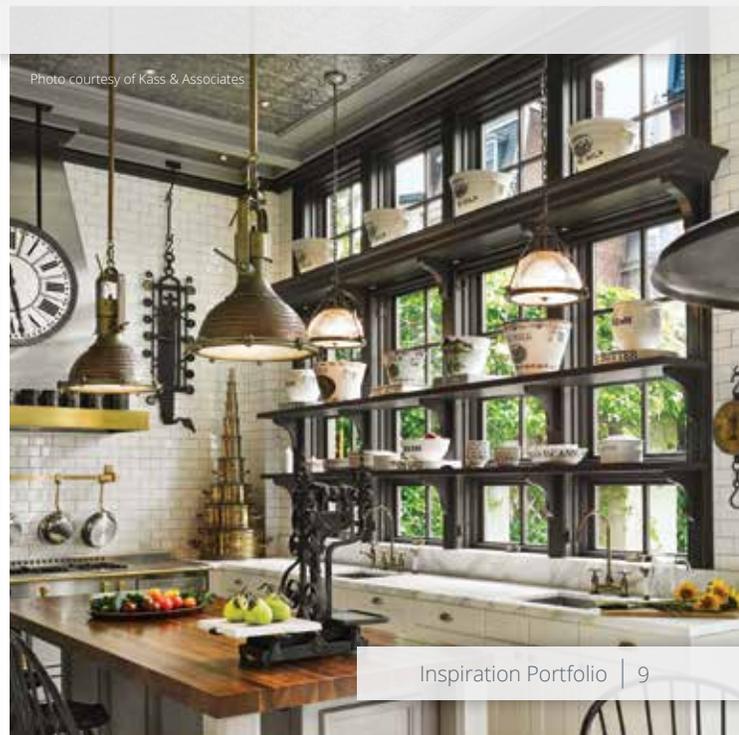




Awnings

Operating outward from the bottom, Kolbe's awning windows offer ventilation while keeping the exterior elements at bay. Their versatility can also create architectural interest in small spaces, especially when combined above or below casements and picture windows. Awnings offer unique style to any room and are the perfect complement to other Kolbe windows and doors. Retractable screens are just one of the insect screen options available.

*Crank-out Awnings | Push-out Awnings | Crank-out XL Awnings
Transom Units | Picture Combination Units*



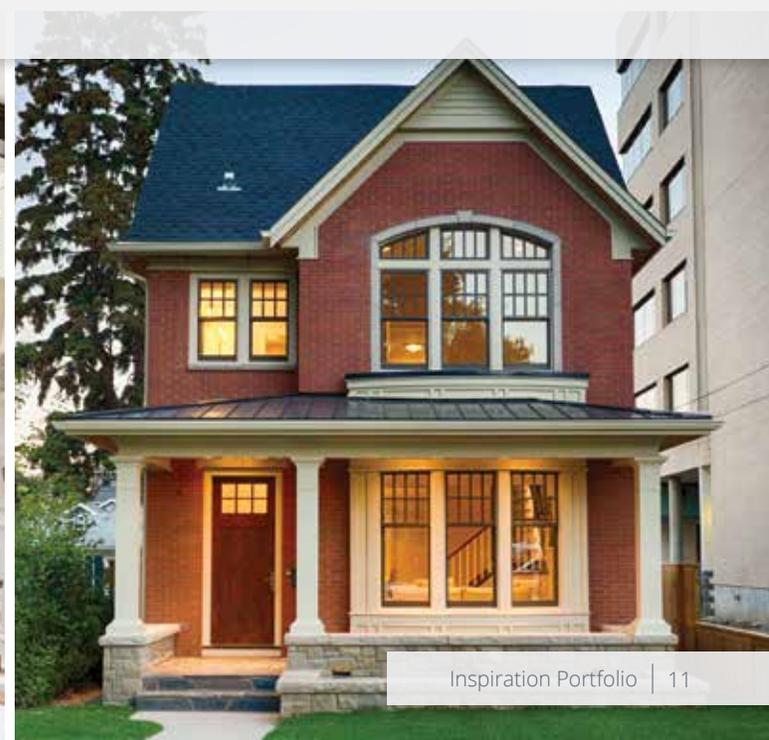




Double Hungs

Quality details adorn the classic design of Kolbe's double hungs. Both Traditional and Sterling double hung sash can be removed from the inside of your home for easy cleaning. The Sterling double hung offers concealed jamb liners and innovative locking hardware that allows the sash to unlock, operate and tilt in from one location. Majesta double hungs are perfect for oversized openings and Old World Classic double hungs marry unique historical design with today's energy efficiency. Options such as divided lites or triple pane glass enhance the style and performance of your windows. Ask about insect screen options, including retractable screens.

*Sterling Double Hungs | XL Sterling Double Hungs | Majesta Double Hungs | Old World Classic Double Hungs
Traditional Double Hungs | Cottage Style Double Hungs | Transom Units | Studio Combination Units
Bay Units | Segment Head Units | Half-circle Top Units*



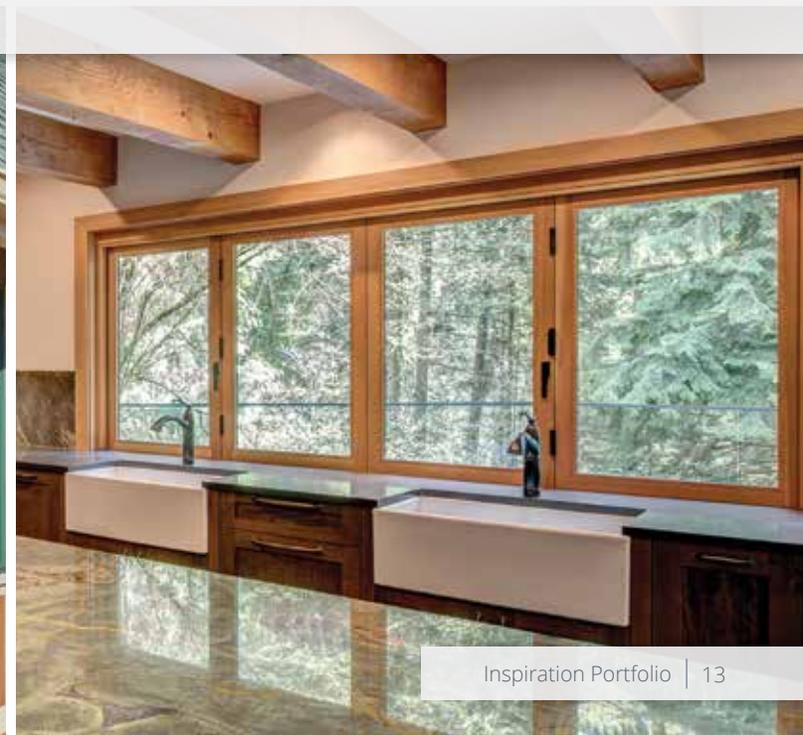




Folding, Sliding & Tilt-turn Windows

Kolbe is well-known in the window and door industry for innovative products. We offer two pass-through windows – folding windows and quad sliding windows. These products are the perfect solution for blending indoor and outdoor living spaces. Double and triple sliding windows are also available for situations when space is at a premium. Our tilt-turns put a modern twist on a classic European window, with special hardware that allows them to open as a top-venting hopper window or an inswing casement.

Folding Windows | Single, Double, Triple, & Quad Sliding Windows | Tilt-turns







Radius Windows

To achieve a unique look, choose Kolbe's radius windows. Half-circle or elliptical units stacked above other Kolbe windows and doors create gracious curves and allow significantly more light to enter your room. Full-circle, quarter-circle and oval units are perfect for those small, cozy spaces. If those shapes aren't what you're looking for, Kolbe offers custom radius units as well. Choose a creative divided lite pattern to add to the appeal.

Quarter-circles | Half-circles | Full-circles | Ovals | Ellipticals

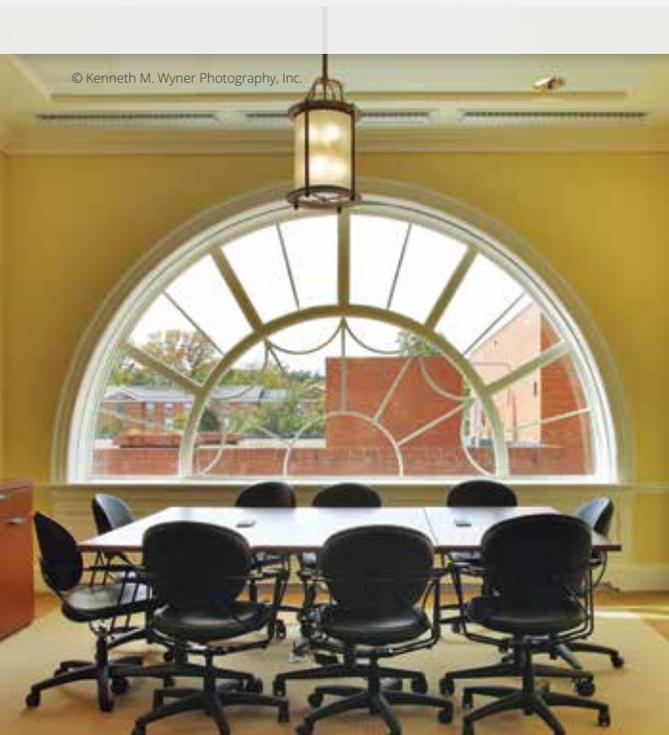






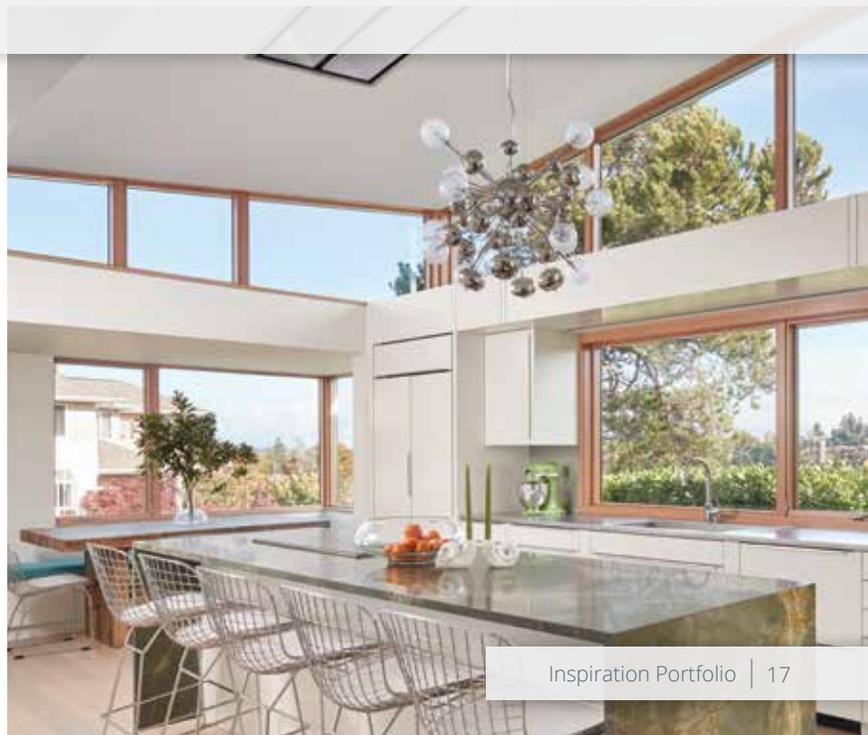
Photo courtesy of Sennikoff Architects

Bert C. Roberts, Roberts Architects
April Force Pardoe, AFP Interiors
Heather Owens, Photographer

Geometric Windows

Make your design truly distinctive with Kolbe's geometric windows. Any combination will provide a light-filled room and a terrific view. Comprise a window wall with a variety of triangles, trapezoids, parallelograms, pentagons, diamonds, hexagons, octagons or any shape you can imagine to create a unique space that is sure to be eye-catching.

Triangles | Trapezoids | Parallelograms | Diamonds | Pentagons | Hexagons | Octagons



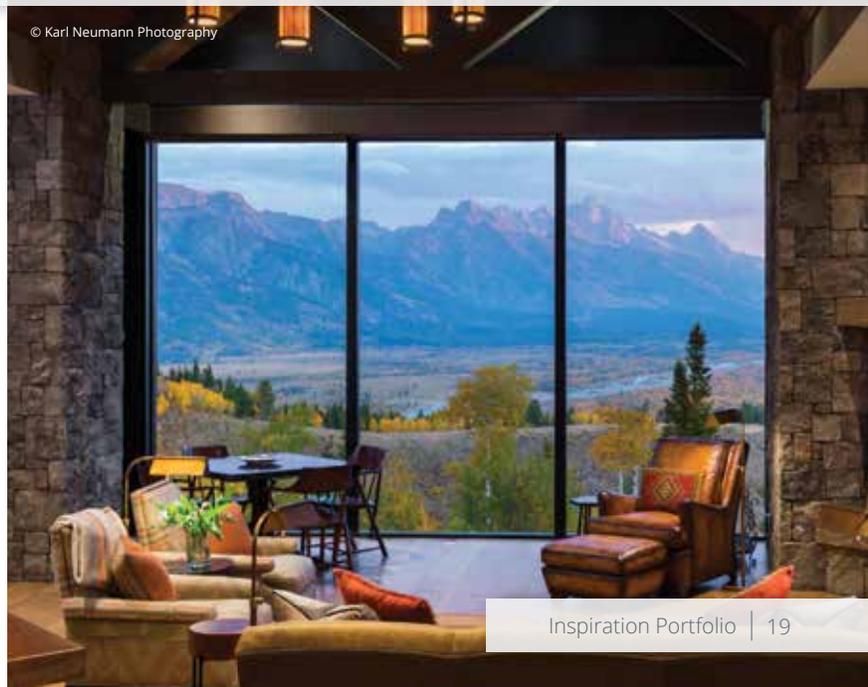
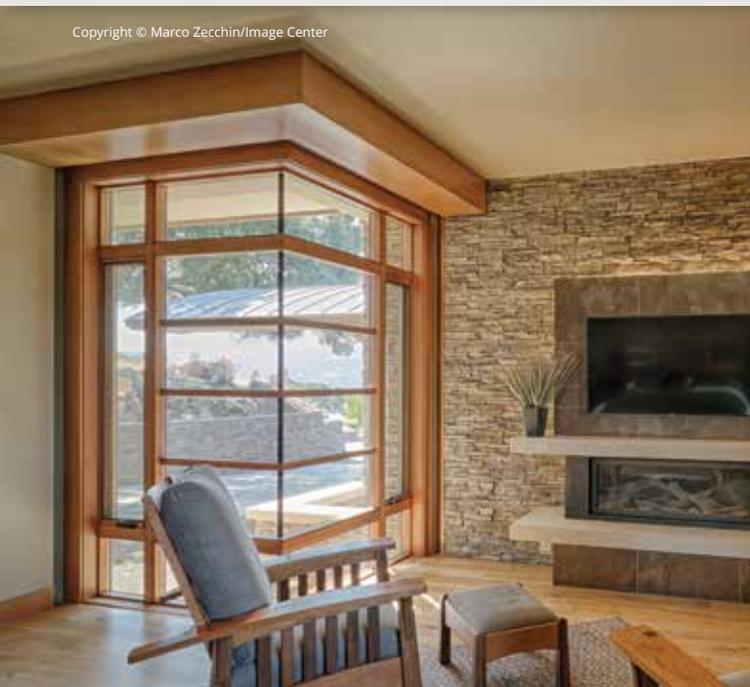




Direct Sets

If you don't need an operating window, but still want light to enter your home, direct set windows provide an ideal solution. The glass is set directly into the frame for windows that allow light in but keep air out. VistaLuxe Collection direct sets offer an industry-leading frame-to-daylight ratio in two exterior styles: Flush and Accent. Ogee direct set windows have traditional details, similar to old storefronts. Beveled direct set windows have an updated, streamlined appearance. Choose a direct set with triple pane glass for greater energy efficiency. Corner direct set windows form angles from 90° to 170°, with or without corner posts, for a panoramic view.

VistaLuxe Collection Direct Sets | Ogee Direct Sets | Beveled Direct Sets | Corner Direct Sets







Builder: Zuckerman Partners
Photo © Darren S. Higgins

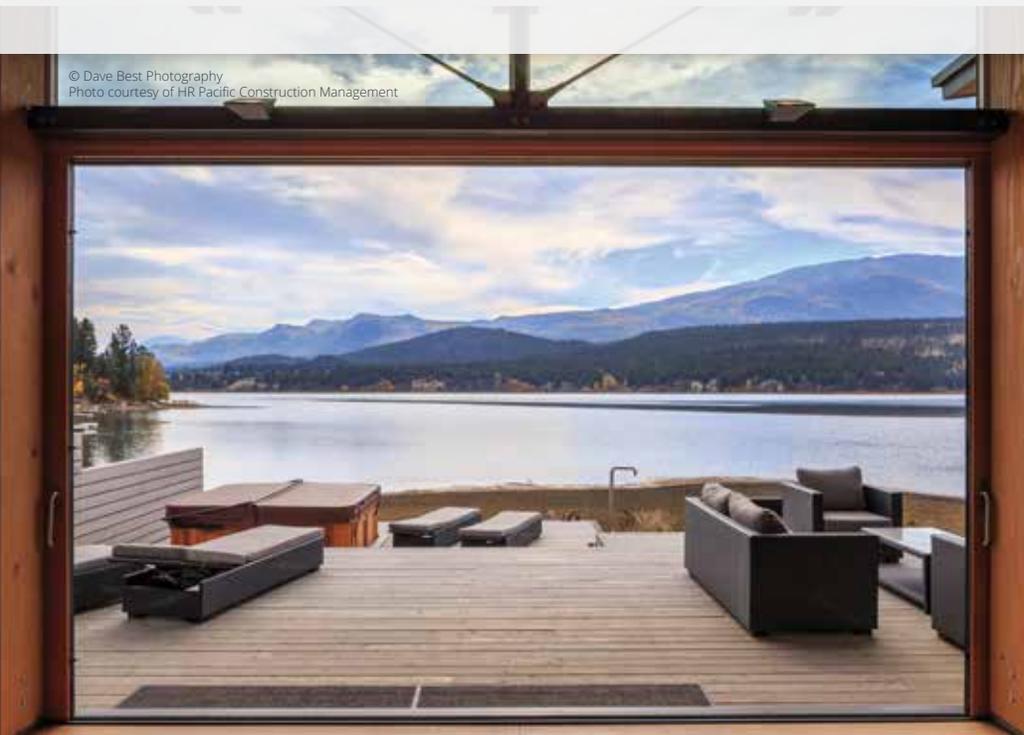


Architect: Peterssen/Keller
Builder: Streeter & Associates
Photo courtesy of Henke Studio

Patio Doors

Kolbe's patio doors are a great way to connect your indoor and outdoor living spaces. For large openings and expansive views, choose folding doors, TerraSpan lift & slide doors, or multi-slide doors. Sliding patio doors are the perfect solution for an attractive and space-saving opening to a terrace or garden. To allow for additional light and a panoramic view, mull a series of patio doors together, or include matching transoms or radius units. Stylish hardware with finishes to match any décor will add beauty and originality to your passageway.

*TerraSpan Lift & Slide Doors | Multi-slide Doors | Sliding Patio Doors | Folding Doors
Inswing Patio Doors | Outswing Patio Doors | Patio Door Transoms*

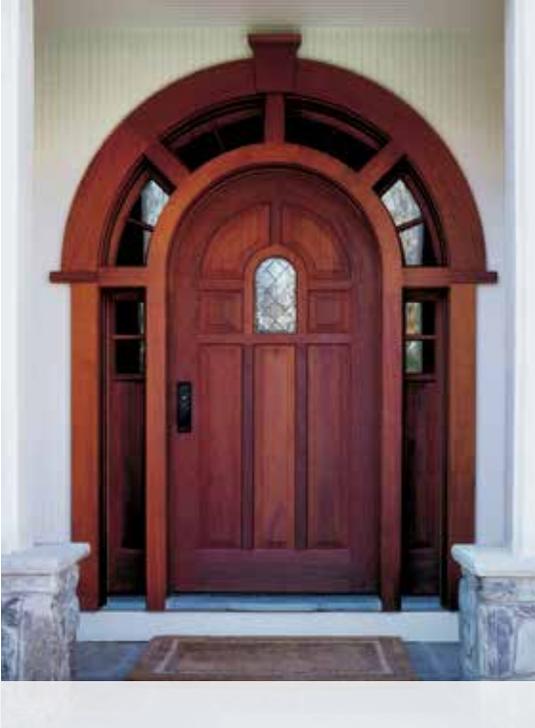


© Dave Best Photography
Photo courtesy of HR Pacific Construction Management



Photo © Colin Jewell Photo Studios, Inc.





Entrance Doors

A distinctive entrance is a defining feature of your home, which is why Kolbe offers a multitude of glass, panel configuration and wood species options to ensure that every entrance door creates a grand statement. Entrance doors are available in single, double and French units, and can be customized with sidelites or transoms to create a dramatic entryway. Make the grandest of statements with a distinguished pivot door, available in large sizes to leave a lasting impression.

*Inswing Entrance Doors | Outswing Entrance Doors | Pivot Doors | Craftsman Entrance Doors
Raised Panel Doors | Segment Head Doors | Sidelites & Transoms*



Finish Options



Interior Wood Species

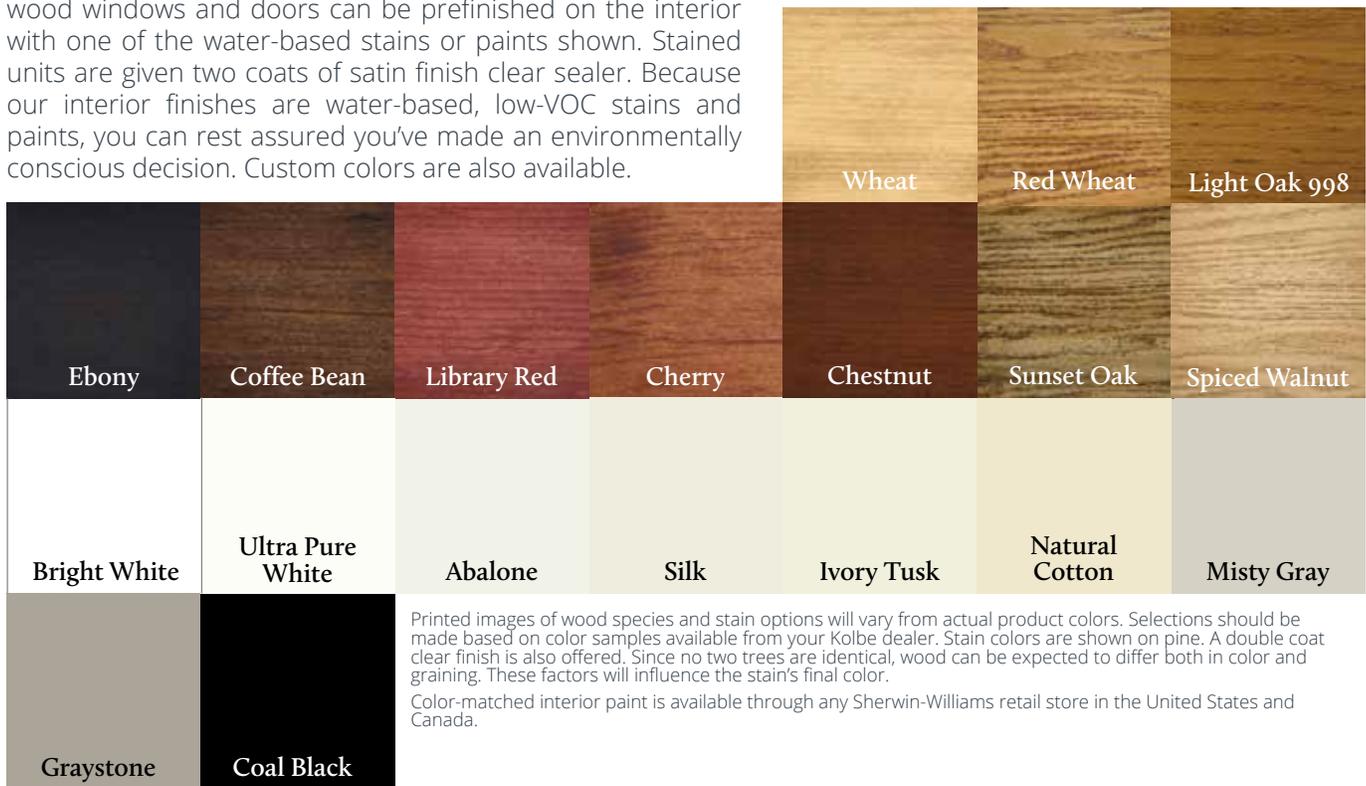
We craft Ultra Series, Heritage Series, and VistaLuxe Collection windows and doors from a variety of wood species. If a special wood species will enhance the beauty of your project, we'll do our best to achieve your vision. The Forest Stewardship Council® (FSC®)-certified wood species are also available for green building projects (FSC® license code FSC-C019541).



*The only wood species available for Forgent® Series products is pine.

Interior Finish Options

For units that are ready to install upon delivery, most of Kolbe's wood windows and doors can be prefinished on the interior with one of the water-based stains or paints shown. Stained units are given two coats of satin finish clear sealer. Because our interior finishes are water-based, low-VOC stains and paints, you can rest assured you've made an environmentally conscious decision. Custom colors are also available.



Exterior Finish Options

Kolbe's Heritage Series wood products can be coated on the exterior with K-Kron II, a high performance finish that offers a low maintenance way to enhance and preserve the look of wood windows and doors. Kolbe's Ultra Series and VistaLuxe Collection clad products are finished on the exterior with a commercial-grade, 70% PVDF fluoropolymer coating that meets the highest specifications in the industry. This finish carries up to a 30-year warranty, and many color options (as well as custom colors) are available for design flexibility. In addition, a variety of mica and anodized finishes are available for Ultra Series and VistaLuxe Collection clad products.

				White	Cloud*	Ultra Pure White
				Abalone	Alabaster	Camel
Mudpie	Nutmeg	Khaki	Sahara*	Beige	Natural Cotton	Spiced Vinegar
Gingersnap	Truffle	Bronze*†	Rustic	Shadow	Shale	Smokestack
Onyx†	Coal Black†	Midnight*†	Steel Gray	Slate	Castlerock	Timberwolf
Corbeau†	Sapphire	Coastal Storm	Anchor Gray	Lunar	Emerald Isle	Mediterranean
Cider	Copper Canyon	Maize	Green Tea Leaf	Basil	Hartford Green	Mystic Ivy
Papaya	Roma	Chutney				
Galaxy Silver Mica	Silverstorm Mica	Cosmic Gray Mica	Night Sky Mica	Mica		
				Anodized	Clear Anodized	Champagne Anodized
					Black Anodized	Dark Bronze Anodized

*Forgent Series products are only available in Cloud, Sahara, Bronze, or Midnight.

†Bronze, Onyx, Coal Black, Midnight, and Corbeau are not available for Heritage Series products.

Some options for our products may have limited color offerings or may incur a nominal charge. Check with your Kolbe dealer for further details on pricing and availability.

Printed images of exterior finishes may vary slightly from actual colors. Selections should be made based on actual color samples available from your Kolbe dealer.

There is a "color range" with anodized colors. That is, there is an acceptable "light" to "dark" color range that can be experienced on any job. According to AAMA 611-98 specifications, Section 8.3, the range may be up to 5 Delta E's. We can provide from our anodized vendor color samples of this color range if requested. The color range is due to numerous variables which include (but are not limited to) the shape of the parts, alloy variations and time in the anodizing process. This could mean that a sash part may appear slightly different in color than a frame part. This is/will be acceptable. Even the samples that may be provided may vary from the final product due to the variables. You must be aware of this as this will be considered acceptable.

Hardware



Hardware Finish Options

To complement the style of your home, Kolbe offers hardware options that are engineered to function effectively while matching the look you've chosen. Hardware is available in a number of finishes to best suit your décor.

White	Beige	Gold-Painted	Bright Brass Brass-colored	Antique Brass	Clay	Rustic Umber
Stainless Steel	Satin Nickel	Dull/Brushed Chrome	Smoky Gray	Antique Nickel	Oil-rubbed*	Matte Black

* The Oil-rubbed finish is a living finish, which means that it will change appearance over time with use.

Printed images of hardware finishes will vary slightly from actual colors. Not all hardware colors are available on all hardware options. Selections should be made based on color samples available from your Kolbe dealer.

Certain door hardware colors are PVD (Physical Vapor Deposition) finishes, which helps protect the hardware against tarnishing, peeling and cracking.

Casement & Awning Hardware

Crank-out and push-out handles offer a clean look and ease of operation. The crank-out style folds down when not in use so as to not obstruct the view.



Crank-out Folding Handle
Ultra Series, Heritage Series
& Forgent Series
(shown in Satin Nickel)



Multi-point Handle
Ultra Series &
Heritage Series
Push-out
(shown in Satin Nickel)



Folding Handle
VistaLuxe Collection
(shown in Matte Black)



Evo Operator
VistaLuxe Collection
(shown in Satin Nickel)

Evo Operator*

Kolbe's proprietary Evo operator elevates contemporary design and functional operation with a slim, streamlined style designed to complement the clean lines of VistaLuxe Collection casements and awnings. These handle sets feature a square, flat profile and are available in Matte Black, Satin Nickel or White. Simply push the button and slide the lever to open your casement or awning – no cranking is required.

*Not intended for egress situations. Cannot be used with all glazing options. Contact your dealer for more information.

Double Hung Hardware

For ease of operation, Kolbe's double hung locks allow the sash to be tilted in for easy cleaning. The Signature lock provides sleek style, while the spoon lock offers an old world aesthetic for historical renovation projects. Sash lift hardware can be added on the bottom sash of double hungs to make operation easier and add a touch of historical charm. Handles and locks shown below are available on Ultra Series and Heritage Series double hungs.



Top: Signature Lock
(shown in Antique Nickel)
Bottom: Spoon Lock
(shown in Satin Nickel)



Curved Sash Lift Handles
(shown in Satin Chrome)



Traditional Sash Lift Handle
(shown in Rustic Umber)



Square Sash Lift Handle
(shown in Antique Brass)

Sliding Window Hardware

Carefully designed sash locks on Ultra Series and VistaLuxe Complementary sliding windows do not impede the viewing area. When the sash is closed, the lock engages automatically, offering convenient security. Optional finger pulls are a proprietary design, available in multiple finishes to match your style and aesthetic.



Sash Lock
(shown in Satin Nickel)



Finger Pulls
(shown in Satin Nickel)



Tilt Turn Handle
(shown in Black)

Tilt-turn Hardware

Multi-functional hardware allows the sash to swing in for access and easy cleaning, or tilt in like a hopper for ventilation, all with a simple turn of the handle.

Folding Window & Door Hardware

Folding panels are available with surface-mounted flush bolts or concealed shoot bolts which allow the locking mechanism to remain hidden. Folding panels with concealed shoot bolts are available with a handle in two styles, Uno and Aria. In configurations where the final panel does not have a hinge handle to pull in the panel, a finger pull can be installed so that the panel can be pulled in and secured.



Flush Bolt
(shown in Satin Nickel)



Concealed Shoot Bolt



Uno Handle
(shown in Matte Black)



Aria Handle
(shown in Chrome)



Hinge Handle
(shown in Matte Black)



Finger Pull
(shown in Brushed Chrome)

Not all hardware is available for all product series. Please contact your Kolbe dealer for product specifics.

Swinging Door Handle Sets

Swinging doors are available with an array of lever handle styles, featuring multi- and single-point locks, with optional keyed handle sets and attractive finishes to coordinate with your décor.



München
(shown in Antique Brass)



Toronto
(shown in Smoky Gray)



Verona
(shown in Rustic Umber)



Dallas
(shown in Satin Nickel)

Baldwin® Swinging Door Handle Sets

Elegantly designed Baldwin handle sets complement your door with luxurious style.



Boulder
(shown in Rustic Umber)



Bristol
(shown in Satin Brass)



Cody
(shown in Oil-rubbed*)



Concord
(shown in Antique Brass)



Kensington
(shown in Bright Brass PVD)



Lakeshore
(shown in Satin Nickel PVD)



Richland
(shown in Antique Nickel)



Santa Monica
(shown in Brushed Chrome)

Not all hardware finishes and handle sets are available for all product series. Please contact your Kolbe dealer for product specifics.

Sliding Patio Door Handle Sets

Sliding patio doors and multi-slide doors are available with a variety of handle sets and locking options. Bell and Arch escutcheons can be chosen on multi-point handles to make sure even the smallest details match your aesthetic. For contemporary projects, the Madison and Dallas handles feature a slim silhouette in several stunning finishes. Or, choose a narrow flush pull handle for unobtrusive style.



Single-point
(shown in Matte Black)

Multi-point
(Bell escutcheon)
(shown in Antique Brass)

Multi-point
(Arch escutcheon)
(shown in Bright Brass)

Narrow Flush Pull
(shown in Satin Nickel)

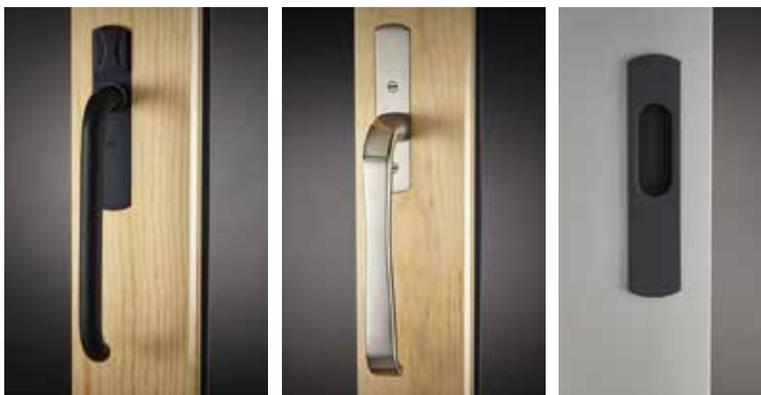


Madison Handle Set with Dual-point Lock
(shown in Dull Chrome)

Dallas Handle Set with Multi-point Lock
(shown in Rustic Umber)

TerraSpan Lift & Slide Door Handle Sets

TerraSpan lift & slide doors offer two removable handle sets, specifically designed for units that pocket into a wall. The LS100 includes a swing cover on the escutcheon plate for when the handle is removed. The LS300 handle set is also available. For pocketing systems, a finger pull is included on the lead panel, with a thumb turn on the interior.



LS100 Handle Set
(shown in Rustic Umber)

LS300 Handle Set
(shown in Satin Nickel)

Finger Pull
(shown in Rustic Umber)

Options

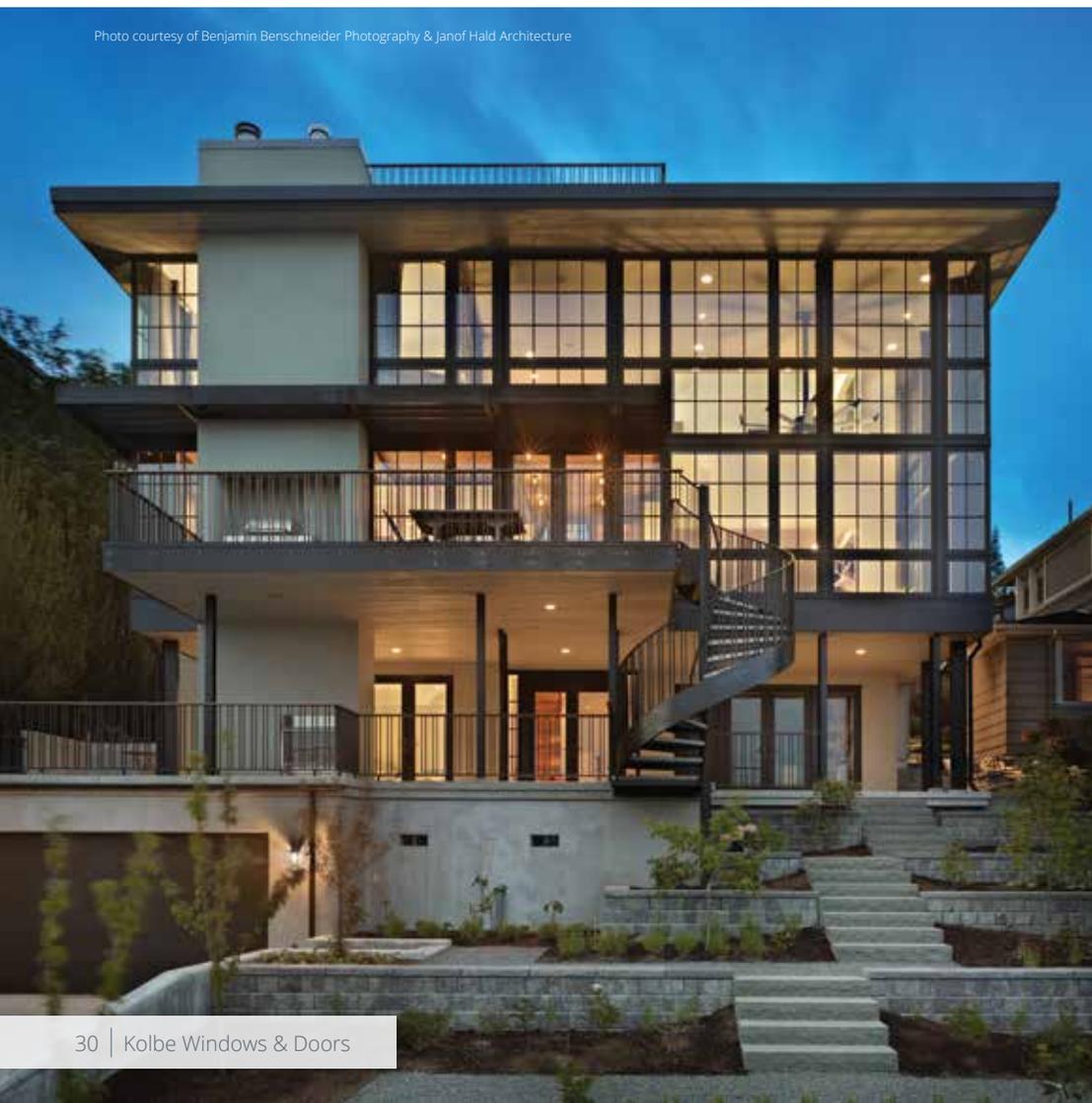


Divided Lites

Expand the character of your home or project by adding one of our divided lite options to your windows and doors. Choose anything from a traditional, colonial style pattern to a unique, custom design to accentuate the overall appearance of your project. Kolbe's meticulous attention to detail is essential to perfect alignment and an exact fit of each individual element of the divided lite pattern.

True Divided Lites (TDL) feature wood muntin bars between individual panes of insulating glass to create separate panes of glass. These are available only for Heritage Series wood windows, and are often used in restorations requiring historical accuracy. Performance Divided Lites (PDL) give the appearance of true divided lites without sacrificing energy efficiency. Divided lite bars are adhered to both sides of the glass with spacer bars in between.

Photo courtesy of Benjamin Benschneider Photography & Janof Hald Architecture



Exterior Brickmoulds & Casings

Accentuate the beauty of your windows and doors with Kolbe's exterior brickmoulds and casings. In addition to the casings shown below, various sill nosings can be applied to enhance the overall appearance and to create the perfect look. Custom brickmoulds and casings are available as well; talk to your local Kolbe dealer for more information.

Ultra Series



1-15/16" profiled brickmould



3-1/2" profiled brickmould



2" flat casing



3-1/2" flat casing



3-1/2" flat casing with backband



Bull nose casing



Historic casing



Stucco casing

Heritage Series



1-15/16" profiled brickmould



3-1/2" profiled brickmould



1-15/16" flat casing



3-1/2" flat casing



5-1/2" flat casing



2" beaded casing



3-1/2" beaded casing



Prospect casing

Options



Glass

Kolbe offers glazing options to provide optimum energy efficiency for the geographic region in which you live. As standard, most units use double-pane insulating LoE²-270 glass. LoE is a “smart” coating that reduces energy transfer through the insulating glass unit. LoE coated glass is also designed to reflect room-side heat back into the room during winter months. In summer, visible sunlight is allowed in while blocking 96% of the sun’s infrared heat energy. The result is reduced heating and cooling costs throughout the year. LoE coatings also reduce the potential for condensation, as well as provide protection against fading of furniture, fabrics and carpeting.

Kolbe also offers the following glass options, as well as many specialized options.

LoE³-340

A tinted glass recommended for warm climates that achieves solar control over a wide range of the spectrum, while also helping to reduce glare.

LoE³-366

Offers an ideal balance of solar control and high visibility by blocking 95% of UV rays while maintaining the interior temperature.

ThermaPlus LoE

Helps to meet the strictest energy requirements; provides protection against heat loss and UV damage.

Triple Pane

Provides a greater energy performing window that keeps indoor air warm and comfortable, prevents heat loss and lowers your heating bills. It is constructed with three panes of glass, Thermo-Edge spacer bars and is available with a variety of LoE coatings that best suit your needs.

Preserve Film

A protective film that protects the glass surfaces from scratches during transit and construction, as well as reducing the time involved in job site clean-up.

Tinted, Colored or Patterned

Provides shading, privacy or visual interest.

Finely Crafted Glass

Decorative glass created with a variety of coming options.

Tempered

Standard in Kolbe doors to address safety concerns. Also available in window units to meet specific building codes.

Laminated

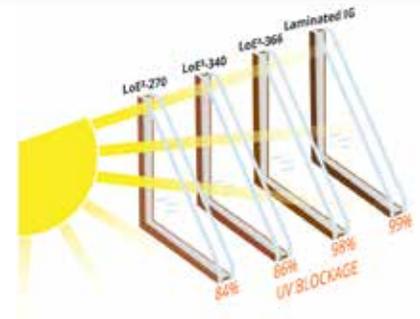
Benefits include safety, security, sound control and provides the ultimate in UV blockage.

Impact

Glazing utilized to withstand harsh environmental conditions, especially in coastal regions. Combined with an impact product, such as K-Force®, this product offers the highest level of security.

Neat®

Harnesses the sun’s UV rays to loosen dirt so water can rinse it away, leaving windows virtually spotless. A special sputter-coating process makes the glass ultra smooth, so the water “sheets off” more readily than it would on uncoated glass, allowing you to spend less time cleaning.



NOTE: Tested units include argon. The laminate has 1/4" inner pane. Based on Lawrence Berkeley Lab (LBL) Window 5.2 © 2003 analysis for classical UV transmission data.



Not all glass is available on all series. Please contact your Kolbe dealer for product specifics.

LoE-180, LoE³-340, LoE²-270, LoE³-366, Neat and Preserve are trademarks of Cardinal IG.

LoE insulating glass with a stainless steel spacer bar carries a 20-year warranty. Not all glass options listed have the same glass warranty. Please contact your supplier for details.

Options for Accessibility & Safety

Universal Design

To meet the needs of homeowners with physical limitations, Kolbe offers a variety of windows and doors that are designed to make independent living possible. From door sills that create a flush surface for easier passage between the interior and exterior, to window and door hardware that provides ease of operation, we have numerous options that will help make living at home easier.



Longer crank handles with large knobs for crank-out casements and awnings



Motorized operators for crank-out casements and awnings



Crank handles for double hungs



Lever handles in a variety of styles for swinging doors



ADA-compliant sill for swinging patio and entrance doors



Aluminum sill ramp kits for sliding patio doors

Window Opening Control Devices (WOCDs)

Kolbe's Window Opening Control Devices (WOCDs) restrict the size of the open window area to less than 4 inches, and feature a limit release mechanism to allow for emergency escape. These devices allow the window to latch into place at a predetermined position and automatically re-latch when closed. The WOCDs meet the ASTM F2090-13 requirements.

Double Hungs

WOCDs are factory applied to Ultra Series and Heritage Series Sterling double hungs, XL Sterling double hungs, and Traditional double hungs, and are available in a Satin Nickel finish.



Double hung with WOCD

Casements

This sleek, non-visible device can be factory applied to Ultra Series crank-out casement windows, and is available in a kit for field installation.

NOTE: The maximum box size is 36" x 90". The minimum box size width is 22".



Casement with WOCD

NOTES: Not all casement and awning windows are available with automated operation. This option may meet standards of the Americans with Disabilities Act. Certain product limitations and modifications may apply. Please contact your local Kolbe dealer for more information.

Options



Retractable Insect Screen Kit

For those who prefer an unobstructed view at times, a retractable insect screen kit is offered for Kolbe's Ultra Series and Heritage Series Sterling double hungs, crank-out casements, and push-out casements. Wood components that match the interior wood species and finish disguise the screen hardware, revealing only the beauty of the window. When you want to open your window and use the screen, operation is practically effortless. Simply press the pull bar down to the sill to engage the screen. A gentle push toward the exterior allows the screen to retract.

The kit includes all the components necessary for field installation on either an Ultra Series or Heritage Series unit.



Insect Screen Mesh

Kolbe windows feature various screen mesh options to keep insects out. BetterVue® fiberglass mesh is less visible than many screens in the industry, and has a tighter weave to keep smaller bugs out. It is also flame retardant, and doesn't stain, crease or dent. UltraVue® mesh offers the ultimate in visibility. Both of these options meet strict chemical emissions limits for healthier interiors. Or, choose durable Aluminum screen mesh to help guard against damage from fiberglass screen-eating insects found in certain regions.



UltraVue® Mesh



BetterVue® Mesh



Aluminum Mesh

Keystones & Pediment Heads

Keystones and pediment heads add a classic touch to the exterior of Heritage Series wood windows or doors. Both can be ordered unfinished, primed or prefinished with K-Kron II to match your windows or doors. Ask your Kolbe dealer for more information about keystones and pediment heads.



Keystone



Pediment Head

Wire Brush Finish

Most Kolbe wood windows and doors can be further enhanced by our wire brushed finish. Wire brushing creates a rugged texture and adds character – the perfect option to complement any rustic-styled home. Due to the nature of the finish, certain limitations apply. Wire brushed products must be stained or painted in the field.



Electronic Locks

Don't worry about forgetting your keys – the multi-point locks of your Ultra Series and Heritage Series inswing and outswing entrance doors can be engaged or disengaged electronically for easy, secure operation. Electronic multi-point locks can be factory-installed into a door panel and integrated with operating systems for fingerprint swipe activation.

Automation Options

Operate windows and doors with a touch of a button or flip of a switch. Kolbe integrates the latest technology advancements into select products for ease of use, security and convenience. This innovative functionality puts the control in the hands of the users through remotes, keypads, touch screens and other integration devices.

Electronic operators are available for awnings, multi-slide doors, sliding patio doors and TerraSpan lift & slide doors from our Ultra Series and VistaLuxe Collection. Adjustable opening and closing speeds ease movement of heavy door panels and multiple units, and help operate hard-to-reach windows.



Product Performance Options

Many of our products are available with performance packages to meet even the strictest building code requirements. Depending on the criteria, Kolbe offers high performance and impact performance products to improve air, water and structural ratings or sound transmittance ratings. With each level of modification, window and door strength is enhanced. This can be done through the use of additional sash locks, alternative glazing methods or impact-rated laminated glass. Contact your Kolbe window and door dealer for further details.





KOLBE

WINDOWS & DOORS
We're for the visionaries.®

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