

# KOLBE

SEE THE DIFFERENCE



Photo courtesy of Benjamin Benschneider Photography and Janof Hald Architecture

**KOLBE**  
■ WINDOWS & DOORS ■

*See the Difference Quality Makes®*





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## TABLE OF CONTENTS

A Tradition of Quality .....	4-5
The Kolbe Difference .....	6-7
Kolbe Products .....	8-9
Specialty Products .....	10-11
Attention to Detail .....	12-13
Finish Options .....	14-15





# KOLBE

## A TRADITION OF QUALITY

The chronicle of Kolbe & Kolbe Millwork is more than a business success story; it begins with the family. Brothers Herb and Ervin Kolbe built the business with the strong work ethic and family values with which they grew up on their family's dairy farm.



Herb Kolbe



Ervin Kolbe

In 1946, the Kolbe brothers started out by repairing window frames and building window sash, setting up shop in a small building that served as their mother's wash house. These humble beginnings, along with Herb and Ervin's dedication to producing premium quality windows and doors, served as the foundation for what we now proudly call the Kolbe® brand.

**"We don't strive to be the biggest, but we do strive to be the best."**

– Herb Kolbe

Over sixty-five years have passed and Kolbe remains a family-owned company, still committed to our long heritage of building the finest windows and doors available. Each window and door is built at the time the order is placed and uniquely hand-crafted to our customers' specifications. While we've adopted the best that modern technology offers in our manufacturing process, you can rest assured that each unit is still crafted with the artful skill of human hand and eye.

Herb and Ervin Kolbe, two hardworking men full of ideas and integrity, are no longer here to lead us, but we remain dedicated to their vision. Kolbe & Kolbe is a company for the future with a history grounded firmly in the past. Building outstanding windows and doors is an ongoing vision that began over sixty-five years ago and continues today.



1946

Brothers Herb and Ervin Kolbe began working out of their mother's wash house, repairing window frames and building sash, on the family farm in central Wisconsin.



1948

The Kolbe brothers purchase a 2,100 square foot building and relocate in Wausau, WI. They also hire their first employee, brother Walter. By 1955, another 1,500 square feet are added to the shop and warehouse.



1967

Additions are made to the Wausau facility to accommodate the expansion into the prehung door market. A cabinet shop was acquired, which brought several talented craftspeople onboard.

Kolbe products start with the finest materials and are crafted with the utmost attention to detail. Our windows and doors are designed to provide not only attractive design aesthetics, but also ease of operation and optimal energy efficiency. Whether your project is traditional or contemporary, Kolbe windows and doors will set your design apart.

While beauty is an inherent quality of all Kolbe products, so is convenience. Our goal is to provide you with windows and doors that are easy to install, operate and maintain. Plus, all of our products are covered by comprehensive warranties, further ensuring the quality that's built into every Kolbe window and door.

Listening to the needs of our customers has led the way to many great product innovations and enhancements. It's not a coincidence that many architects, builders and dealers remain loyal to the Kolbe brand, as we have a remarkable reputation for building quality products.

We're sure you'll see the difference quality makes with Kolbe windows and doors.



1979-1984

Kolbe's manufacturing facility in Wausau grew significantly as product lines expanded and sales broadened from the Midwest to nationwide.



2003

Nearly sixty years after the two Kolbe brothers began their venture, the main Kolbe manufacturing plant has grown to over 1 million square feet, covering over 27 acres, and employs over 1700 people.



Today

Kolbe windows and doors are transported to distributors across the nation as well as internationally. Kolbe products are found in homes and businesses around the world.



# THE KOLBE DIFFERENCE

We're well-known for our custom capabilities and have worked with many architects to build unique windows and doors. So, whether you're envisioning windows or doors in a special wood species, looking to bring a historical building back to a state of beauty, or planning an unusual shape or grille pattern, we will work with you to find the perfect solution for your needs.



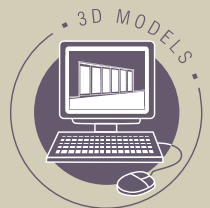
Years of innovation at Kolbe have led to products with great design flexibility for high-end residential construction. Whether it's renovation or new construction, we offer products ready to be incorporated into your design – from contemporary to colonial, rustic, or anything in between. Our replacement sash kits make home improvement easy, since they fit into existing window frames and install with minimal tools. Plus, Kolbe products are rigorously tested to exceed industry standards for energy efficiency and performance.



Each of our windows and doors are built-to-order and uniquely crafted to each project's specifications, providing options and configurations geared toward design solutions for non-residential projects. Multiple installation methods, depending on the project's construction method and materials, offer unsurpassed ease-of-installation. We also have a LEED® Green Associate and other technical specialists on staff to provide support on various aspects of your commercial project.



Our reputation of producing high-end windows and doors with attention to intricate details lends itself perfectly to historical renovation projects. Our products are designed to marry traditional design aesthetics with ease of operation, and we offer numerous options to restore beauty to your project. In addition to providing striking design aesthetics, Kolbe can work with you to meet building codes and historical district requirements. Updating a historical building to energy efficient Kolbe products saves money on heating & cooling costs and may meet tax credit requirements.



Kolbe offers a full line of Google™ SketchUp and Revit® window and door models for design professionals. Models are completely customizable, with the attention to detail you've come to expect from Kolbe. With many libraries to choose from plus added options, you can see why Kolbe's models would be an optimal choice for your next design project.





Double pane insulating glass units with LoE coating and argon gas are standard on most of our products. This helps them meet or exceed ENERGY STAR® guidelines in most U.S. climate zones while reducing energy costs for home and business owners. For even higher performance, we offer units with triple pane glass to help meet or exceed the insulating values required by ENERGY STAR's climate zones in the U.S. and Canada.



Most components used in Kolbe products are sourced from within 500 miles of our factory, proving we are committed to maintaining ecological sustainability. The species available for our wood products are renewable resources sourced from managed forests, while our aluminum cladding contains 50-75% recycled content and our standard glass contains 25-30% recycled content. In addition, we have achieved FSC Chain-of-Custody certification and can provide FSC-certified wood for many of our window and door products.



K-Force impact modifications are available on a number of Kolbe windows and doors. K-Force products are specially designed with the strength and durability to withstand hurricane force winds and flying debris, and are tested extensively to meet or exceed strict building codes in coastal regions. There are no unsightly rods or extra locks to fasten, so Kolbe's impact-certified products offer the same beautiful appearance as non-impact products.



For over 65 years, Kolbe products have been all about customization. We offer many options for our windows and doors, including different wood species, custom divided light patterns, tailor-made shapes, and many interior and exterior finishes to perfectly complement the design aesthetic of any project. We're known worldwide for our custom capabilities and have worked with many architects to build distinctive windows and doors – we can help bring your most innovative ideas to life.



Universal design is the concept of creating products and spaces that are accessible and comfortable for individuals of diverse physical ability levels. Kolbe offers options for a variety of windows and doors that are not only designed to make independent living possible, but to do it with quality, style and flexibility. Kolbe's options such as sill ramps, motorized operators, larger cranks and lever door handles can help make independent living easier and can meet the standards of the Americans with Disabilities Act.



Photo courtesy of Benjamin Benschneider Photography and Janof Hald Architecture

# KOLBE

## OUR PRODUCTS



### ULTRA SERIES

Features extruded aluminum clad wood windows and doors for either residential or commercial new construction and renovation – providing exceptional performance and style. K-Force® option available for hurricane coastal areas requiring impact performance.

- Crank-Out Casements & Awnings
- Push-Out Casements & Awnings
- Majesta® Double Hungs
- Sterling Double Hungs
- Traditional Double Hungs
- Magnum Double Hungs
- Replacement Pocket Double Hungs
- Traditional and Magnum Replacement Sash Kits
- Double & Triple Sliders
- Geometric Units
- Radius Units
- Direct Sets
- Sliding & Swinging Patio Doors
- TerraSpan® Lift & Slide Doors
- Folding Doors
- Inswing & Outswing Entrance Doors
- Commercial Doors



### HERITAGE SERIES

Our line of wood windows and doors offering traditional design aesthetics – ideally suited to residential and commercial new construction and renovation. K-Force® option available for hurricane coastal areas requiring impact performance.

- Crank-Out Casements & Awnings
- Push-Out Casements & Awnings
- Inswing Casements
- Majesta® Double Hungs
- Sterling Double Hungs
- Traditional Double Hungs
- Old World Classic Double Hungs
- Magnum Double Hungs
- Tilt-Turns
- Traditional & Magnum Replacement Sash Kits
- Double & Triple Sliders
- Geometric Units
- Radius Units
- Sliding & Swinging Patio Doors
- Folding Doors
- Inswing & Outswing Entrance Doors
- Commercial Doors



### CLASSIC SERIES

Emphasizing simplicity, this line of roll-formed aluminum clad wood windows and doors is perfect for new construction desiring a clean overall look.

- Crank-Out Casements
- Crank-Out Awnings
- Traditional Double Hungs
- Traditional Double Hung Replacement Sash Kits
- Double & Triple Sliders
- Geometric Units
- Radius Units
- Sliding & Swinging Patio Doors
- Inswing & Outswing Entrance Doors





## LATITUDE® SERIES

A full line of vinyl windows and patio doors, offering classic elegance paired with modern convenience, low maintenance and energy efficiency – perfect for both residential and commercial new construction and replacement.

- Crank-Out Casements
- Crank-Out Awnings
- Double Hungs
- Single Hungs
- Single, Double & Picture Sliders
- Geometric Units
- Radius Units
- Patio Doors



## WINDQUEST® SERIES

Vinyl windows and patio doors that are designed to meet very specific needs. Impact Performance (IP) units are designed for coastal areas prone to hurricanes. High Performance (HP) units offer optimal design pressure ratings. Energy Performance (EP) units are built to meet or exceed strict energy efficiency requirements.

- Crank-Out Casements
- Crank-Out Awnings
- Double Hungs
- Single Hungs
- Single Sliders
- Geometric Units
- Radius Units
- Sliding Patio Doors



## COMPLEMENTARY DOORS

Entrance doors and interior doors adding the final touch to your project.

- Craftsman Collection Doors
- Kolbe Advantage Interior Doors
- Fiberglass Doors



Specialty windows and doors make a statement all their own. Kolbe's research and development team has designed several products that are modern interpretations of classic favorites. Make your project unique by choosing any of the specialty products we offer.



### STERLING DOUBLE HUNG

U.S. PATENT NOS. 7,296,381 & 7,448,164

Thoughtful engineering coupled with patented design features created the perfect double hung window. Available as either a Heritage wood or Ultra clad unit, Kolbe's Sterling double hung is designed with traditional aesthetics and ease of operation in mind. The jambliner and block-and-tackle balances that help the window operate are completely concealed, providing a smooth interior and exterior appearance. The innovative, multi-functional sash lock has a dual-positioning lever which allows you to unlock, operate and tilt the sash in from one location. This is also a high performing window, with standard units meeting DP50.



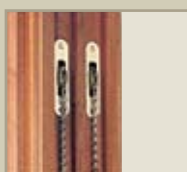
### MAJESTA® DOUBLE HUNG

Ideal for large openings within commercial and historical renovation projects, our Majesta double hung window creates a grand statement with its massive size and traditional features. These made-to-order windows can reach sizes of up to 6 feet wide by 12 feet high. We don't sacrifice performance for size, either – Majesta double hungs have exceptional protection against water and structural forces and can meet a performance rating up to CW-PG65. In addition, the window is rich, warm and beautiful and has nearly endless design options available to fit your commercial or historical project. Available as either a Heritage wood unit or an Ultra clad unit.



### OLD WORLD CLASSIC DOUBLE HUNG

Kolbe's Heritage Series Old World Classic double hung is the perfect window for projects dedicated to historical renovation. A brass pulley system with brass chains and alloyed weights allow this unit to operate with incredible ease, due to the proportionate balance between the sash and weights. Ogee lugs may be integrated into the top sash stiles on the unit exterior, providing added detail and historical authenticity. Choose from single, double or triple hung units. Old World Classic units are custom-built for each project and are available in numerous wood species. Old World Classic units can be prefinished on the exterior with K-Kron II in over 30 colors, plus custom colors.



brass chains  
and pulley





## INSWING CASEMENT

The elegant design of our Heritage Series wood inswing casement was inspired by a European favorite. Available as a single unit, or choose a French unit with a double-wide opening for an unobtrusive view of the outdoors. Multi-point locking hardware secures the unit, with a solid bright brass handle set as standard. Additional handle set finish options are also available. Units may be prefinished with our K-Kron II exterior finish available in over 30 colors, as well as custom colors.



## TILT-TURN

Kolbe's Tilt-Turn pays tribute to a European classic – a wood casement window with special hardware that permits it to operate as either an inswing casement or as a top-venting hopper unit. A solid bright brass handle set is standard; other hardware finish options are also available. Tilt-Turn units can be prefinished on the exterior with K-Kron II in over 30 colors or in a custom color of your choice.



top venting



side venting



## FOLDING AND TERRASpan® DOORS

Create an expansive scenic addition to your design project with Kolbe's Folding Doors (pictured) or TerraSpan Lift & Slide Doors. These doors open rooms up dramatically by extending the living space to the outdoors, and are ideal for many locations including homes, restaurants and offices. Attention to visual details gives Folding Doors and TerraSpan Lift & Slide Doors the same aesthetics as other Kolbe products for a seamless match throughout an entire project.

# KOLBE

## ATTENTION TO DETAIL

Whether your project includes a unique shape, an unusual grille pattern or trim option, or even historically correct features, Kolbe can meet the demands of your creative vision. After all, we build each unit according to your specifications, and we pay exceptional attention to every detail.



### EXTERIOR BRICKMOULDS & CASINGS

To further enhance your Kolbe windows and doors we have numerous exterior brickmoulds and casings. If your project demands a unique touch or historical accuracy, we can create custom brickmoulds and casings for most of our products. All of our trim options may be color-matched to the unit frames, or an interesting two-tone color combination between the trim and frames and the sash is also possible.

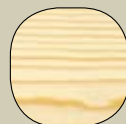
Providing convenience on the job site, brickmould and casings are factory-applied as standard to Heritage Series products. For Ultra Series, Latitude Series and Windquest Series, brickmould may be ordered factory-applied or it may be field-applied by snapping it into an accessory groove, which is an integral part of the frame.



### CUSTOM WOOD SPECIES

While most of our wood windows and doors are built from pine as standard, we can also craft windows and doors from other wood species – including mahogany, oak, fir, alder, walnut, maple and cherry. If a special wood species will maximize the beauty of your project, we'll do our best to achieve your dream.

Being a millwork company, we also offer specialty mouldings in a wide variety of profiles and several different wood species.



Pine\*



Alder



Fir



Maple



Red Oak



Cherry



Mahogany



Walnut



Bamboo\*\*

\*Pine is the standard wood species for most Kolbe wood window and door products. Our wood species, including mahogany, are sourced from managed forests.

\*\*Sourced from companies such as Lamboo, Inc.

Printed images of wood species will vary from actual product colors. Selections should be made based on color samples available from your Kolbe dealer. Ask about the availability of additional wood species.

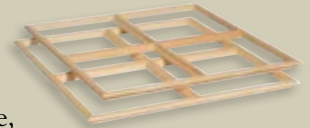




## DIVIDED LITES

Expand the character of your home or commercial project with window and door divided lites. The choices are nearly endless, from a traditional colonial style grille pattern to a prairie-style grille pattern. For most product types we offer performance divided lites in many bar widths, including 5/8" for historical applications. We offer contoured or flat grilles-in-the-airspace for style with easy cleaning, and true divided lites for projects looking for historical authenticity. In addition, we can help you create a unique, custom grille design that will accentuate the overall appearance of your project.

For our wood windows, we also offer wood removable grilles with full surrounds – providing a better appearance, greater stability and easy removal.



## FULLY ALIGNED SIGHT LINES

In most instances, the sight lines will align for transom and radius units stacked above our wood, clad, and vinyl windows and doors. Plus, if you decide to include one of our numerous divided lite options, they will align as well. No more “unpleasant surprises” when you stand back to admire the project you’ve worked so hard to complete.

It helps to know that our complementary units for both wood and clad units are sash set as standard. Kolbe also offers direct set transom and radius units for many of our product lines, providing a larger viewing area.



## CUSTOM CAPABILITIES

Kolbe is well-known for working with you to build the windows and doors of your dreams. Whether your vision is of windows or doors in an unusual shape with a unique grille pattern, or perhaps with a custom finish on the exterior – we will work hard to make your vision a reality. Contact us about specific features or special options, so we can do our best to make windows and doors to meet your exact specifications.

# KOLBE

## FINISH OPTIONS



### EXTERIOR FINISH OPTIONS

Kolbe's Ultra Series clad products are finished on the exterior with a commercial-grade, 70% PVDF fluoropolymer coating that meets the requirements of AAMA 2605-05 specifications – the highest level in the industry. This finish carries a 30-year warranty, and many color options (as well as custom colors) are available for design flexibility.

A variety of unique, anodized exterior finishes, frequently used for commercial storefront applications, are available for Ultra Series clad products. To further enhance the aesthetic appeal of our Classic Series clad units, copper cladding is available on the exterior. In time, the elements will reveal the hidden beauty of copper as it develops a rich and timeless patina.

Our Heritage Series wood products may 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. We also offer a high performance, heat-reflective polyurethane coating in numerous colors for our Latitude Series and Windquest Series vinyl products.

### EXTERIOR COLOR OPTIONS



Swatches shown above represent colors available in our 70% PVDF fluoropolymer finish for Ultra Series products. Heritage Series wood units with our K-Kron II finish option are available in all these colors except for Coal Black. Most of these colors are also available for our fiberglass doors and for the exterior of many of our vinyl product offerings. Custom colors are also available. Classic Series roll-formed clad products with a polyester finish are available in White, Beige, Sand and Rustic. Ask your Kolbe dealer for more information. Printed images of exterior finish and interior stain options will vary from actual product colors. Selections should be made based on color samples available from your Kolbe dealer. Prices may vary depending on color.

\* Specialty colors for Ultra Series products which will incur a nominal charge and possible longer lead times. 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.

\*\* Colors not available for Latitude or Windquest Series products.

### ANODIZED ALUMINUM COLOR OPTIONS (special order exterior finish for most Ultra Series units)







## INTERIOR PREFINISHING OPTIONS

Kolbe's wood window and door products may also be prefinished on the interior. We offer many interior stains and solid colors for the richness and depth of color you would expect from high-quality products. Because our interior finishes are water-based, low-VOC stains and paints, you can rest assured you've made an environmentally conscious decision. Custom stain matching is available as well.

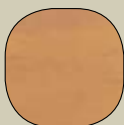
*Interior prefinishing is not available for raised panel doors or flat panel doors.*



## WATER-BASED INTERIOR STAINS



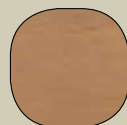
Wheat



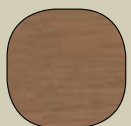
Red Wheat



Light Oak 998



Spiced Walnut



Sunset Oak



Chestnut



Cherry



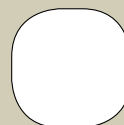
Library Red



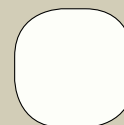
Coffee Bean

Stain colors are shown on pine. A double coat clear finish is also offered. Since no two trees are identical, wood can be expected to differ both in color and graining. These factors will influence the stain's final color. Custom stain matching is available; please supply your Kolbe dealer with a sample (minimum 3" x 3") with the stain color on the wood species you would like matched. Most Latitude Series products are available with a wood look interior in Cherry, Sunset Oak or Wheat.

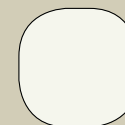
## INTERIOR PAINT OPTIONS



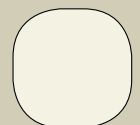
Bright White



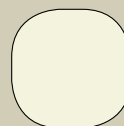
Ultra Pure White



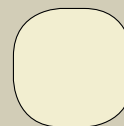
Abalone



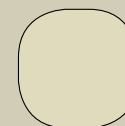
Silk



Ivory Tusk



Natural Cotton



Beige

Custom paint colors are also available.

Printed images of stain options and paint colors will vary from actual product colors. Selections should be made based on color samples available from your Kolbe dealer.

Interior paint is not available for Latitude or Windquest Series products. Interior colors for Latitude and Windquest Series products include white and beige.

# KOLBE® PRODUCTS

## ULTRA SERIES

Features extruded aluminum clad wood windows and doors for either residential or commercial new construction and renovation – providing exceptional performance and style. K-Force® option available for hurricane coastal areas requiring impact performance.

## HERITAGE SERIES

Our line of wood windows and doors offering traditional design aesthetics – ideally suited to residential and commercial new construction and renovation. K-Force® option available for hurricane coastal areas requiring impact performance.

## CLASSIC SERIES

Emphasizing simplicity, this line of roll-formed aluminum clad wood windows and doors is perfect for new construction desiring a clean overall look.

## LATITUDE® SERIES

A full line of vinyl windows and patio doors, offering classic elegance paired with modern convenience and energy efficiency – perfect for both residential and commercial new construction and replacement applications.

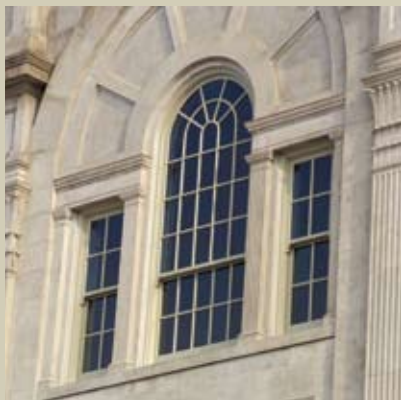
## WINDQUEST® SERIES

Vinyl windows and patio doors that are designed to meet very specific needs. Impact Performance (IP) units are designed for coastal areas prone to hurricanes. High Performance (HP) units offer optimal design pressure ratings. Energy Performance (EP) units are built to meet or exceed strict energy efficiency requirements.

## COMPLEMENTARY DOORS

Entrance doors and interior doors to provide the final touch to your project.

NOTE: See your Kolbe dealer for more information about our products or visit our website at [www.kolbe-kolbe.com](http://www.kolbe-kolbe.com).



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