



FORGENT® SERIES



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 choices... who push the limits of what's possible with the options and innovations that can only be found in Kolbe® windows and doors.



We're for quality craftsmanship.

We're for a tradition of excellence that outlasts the latest design trend. The Kolbe story began with a family and a vision. Eighty 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 homes and businesses.

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. Our products are only available through a Kolbe dealer, because they are as passionate about windows and doors as you are about bringing your vision to life. And they will work with you to make your dream a concrete reality.



We're for possibilities.

We're for people who won't settle for "standard." We're for limitless options and custom solutions that can only be found in Kolbe's made-to-order products. Our team members are craftspeople who focus on building one window or door at a time, to create distinctive products that fulfill your unique vision.

We're for innovation.

We're for people who want to take building to new levels, with advancements in not only extraordinary sizes and shapes, but also ground-breaking products. We're for creative thinking that redefines what's possible, constantly reimagining our windows and doors to elevate style, performance and functionality.



**Let us bring
your vision
to life.**



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THE FORGENT® SERIES

Forgent Series windows and doors incorporate innovative design and state-of-the-art technology with a proprietary Glastra® material. Engineered for strength, resilience, and ease-of-installation, this high-performance product line is a perfect choice for new construction or replacement projects.





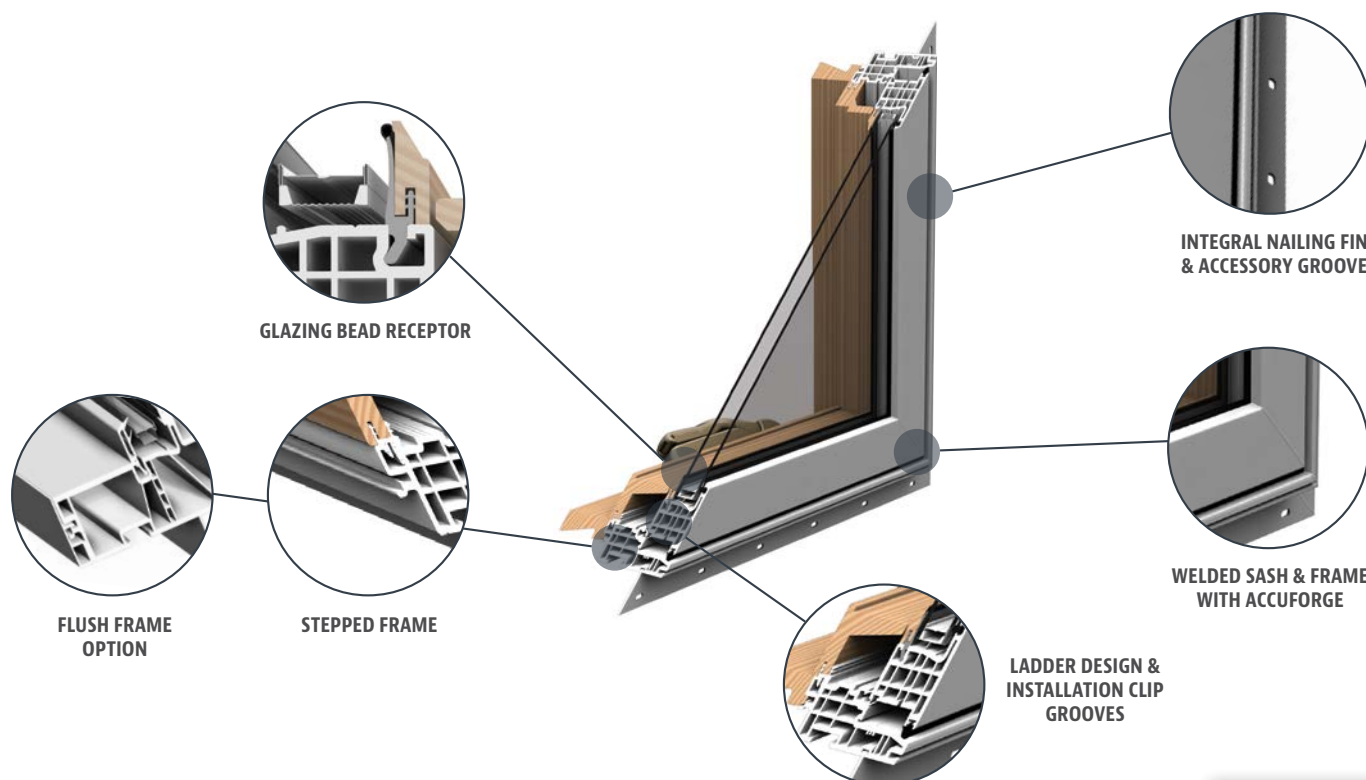
The Forgent Series provides:

STRENGTH & PERFORMANCE:

- Strong and resilient Glastra® exterior with Glastra or Wood interior
- Advanced ladder design with multiple chambers for strength and energy efficiency
- Welded sash and frame with AccuForge® technology for a smooth, air and watertight seam
- Integral nailing fin has fewer sealing points, for rigidity and a watertight installation
- Impact performance capabilities to meet the demands of coastal hurricane zones

EASE OF INSTALLATION:

- Three convenient installation methods: integral nailing fin, installation clips, screw through frame
- Glazing bead receptor helps create a clean break-point during painting and staining
- Accessory groove allows for quick installation of exterior accessories without additional clips
- Dry glazed sash allows for serviceable sash and components



INNOVATION & TECHNOLOGY



© Photo courtesy of Next Polymers Ltd./Brunet Group

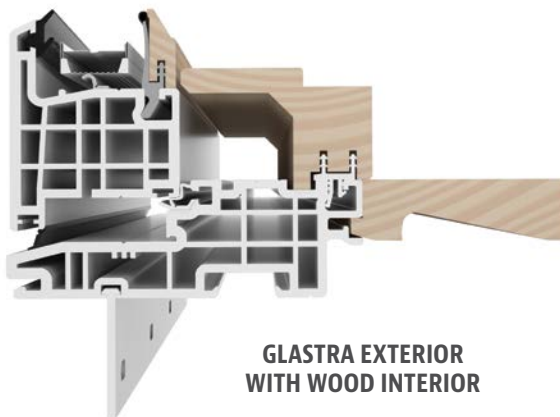
MATERIAL

Forgent Series products are comprised of Glastra®, a proprietary hybrid of fiberglass and UV stable polymer. To better match décor and performance requirements, a Glastra exterior with a choice of Glastra or Wood interior is available in select colors and finishes.

Glastra is an innovative, recyclable material that helps form the resilient foundation of Forgent Series products. Manufacturing byproducts are repurposed for use in other industries, such as underground industrial piping.



shown
in photo
above

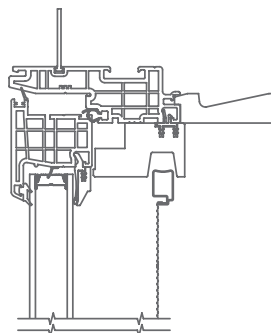


Both the exterior and interior are comprised of Glastra, with finishes available in Cloud, Sahara, Midnight or Bronze.

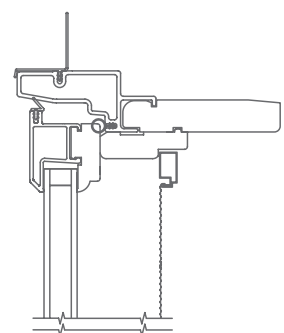
The exterior is comprised of Glastra, while the interior is Pine wood, available in popular pre-finishes including: Double Clear Coat, Latex Primer, Black Paint, White Paint, or a variety of stains.

CONSTRUCTION

Forgent Series windows are constructed of multi-chambered Glastra extrusions in an advanced ladder design for numerous benefits – the chambers add strength and promote energy efficiency. The same structural framework is used for All Glastra and Glastra/Wood products, for consistent performance.



**FORGENT SERIES
CONSTRUCTION**



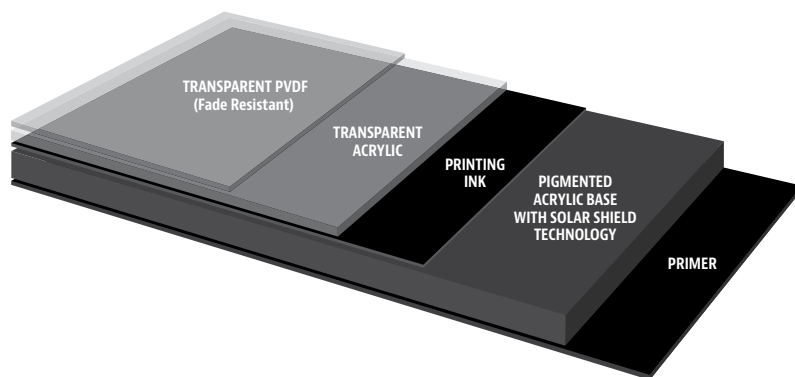
**TYPICAL FIBERGLASS
CONSTRUCTION**



© Kim Smith Photo

ACRYLIC FILM

A Midnight, Bronze or Tungsten film can be applied to Forgent Series products with a Glastra exterior and interior. This film utilizes a pigmented acrylic base technology that reduces heat absorption and resists fading. A profile lamination process permanently bonds the film to the Glastra material, enabling it to withstand the harshest of conditions – from extreme heat to extreme cold. And because the film has a very low surface tension, typical dirt, debris – even paint – can be removed from the surface with mild soap and water.



ACCUFORGE®

Forgent Series window frames* and sash feature AccuForge®, an innovative miter joint technology. This state-of-the-art nip welding process creates a stronger air and watertight seam with a smooth, high-end finish. See AccuForge in action at: kolbewindows.com/gallery/videos/forgent-series/



COMPRESSION SEAL

Forgent Series windows and doors feature EPDM gaskets in the glazing system as well as between the operable sash and frame, to seal the joint and create an air and watertight seal. Similar to those used on commercial windows, cars and airplane doors, they also keep noise out, for a quieter, more comfortable environment.

Thermal Expansion (In/In F° x 10 ⁻⁶)										
Vinyl										
Cellular PVC										
Glastra										
Aluminum										
Pine										
	0	5	10	15	20	25	30	35	40	45

THERMAL EXPANSION

All materials are subject to some level of expansion as temperatures fluctuate. Forgent Series Glastra material is less affected by these changes, with a lower expansion rate than many composite products, and less than half the rate of vinyl products.

AccuForge® is a registered trademark of Kolbe & Kolbe Millwork Co., Inc.

*Specialty windows (geometric and radius) and sliding doors are not manufactured with AccuForge technology.

Forgent Series exterior films are compliant with and have achieved 307-16 certification from the American Architectural Manufacturers Association (AAMA). The AAMA 307-16 designation specifically refers to Voluntary Specifications for Laminates Intended for Use on AAMA Certified Profiles.

STYLE & DESIGN OPTIONS



Kolbe offers distinctive style and design options to make your spaces unique. For the ultimate in personalization, choose from our numerous options, including hardware, glass, divided lites, screens, sills, exterior trim, and more – plus custom solutions to help bring your unique vision to life.

GLASS

There is so much more to glass than visibility. It can add to the aesthetic, enhance indoor comfort and acoustics, or provide privacy, security, and impact resistance. From smart coatings and smart glass to Sound Transmission Class (STC) glass and EPDM gaskets for high noise areas, Kolbe's numerous glazing options provide optimum energy efficiency, beauty and performance.

DIVIDED LITES

Add architectural detail to windows and doors with performance divided lites. Choose from various widths and patterns to a custom design that accentuates the character and appearance of your home. Or choose grilles-in-the-airspace for a similar aesthetic with reduced cleaning time.

HARDWARE

Kolbe offers numerous hardware styles and finishes to complete your project. Complement your décor or add the finishing touch to a casement and awning combination or a new sliding door. Plus, the added functionality of multi-point locks and automation options on select products adds security and convenience to your living experience.



FINISH OPTIONS



EXTERIOR FINISHES

Forgent Series windows and doors feature a durable and resilient Glastra® exterior. The Cloud and Sahara colors are integral to the Glastra material, while Bronze, Midnight and Tungsten can be applied in various combinations, as shown.

INTERIOR FINISHES

Forgent Series Glastra/Wood windows and doors are offered with a Pine interior. For units that are ready to install upon delivery, Forgent Series 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 clear finish. Because our interior finishes are water-based, low-VOC stains and paints, you can rest assured you've made an environmentally conscious decision.

UNFINISHED PINE*	DOUBLE CLEAR COAT	WHEAT	RED WHEAT	LIGHT OAK 998	EBONY	COFFEE BEAN	LIBRARY RED
	CHERRY	CHESTNUT	SUNSET OAK	SPICED WALNUT	LATEX PRIMER**	WHITE†	BLACK†

* All units supplied with unfinished pine interiors must be finished in the field.

**Latex primer is not a final finish.

† White and Black are single coat interior paint finishes with some visible wood grain.

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. Stain colors are shown on pine. 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. Printed images of wood species and stain options will vary from actual product colors. Selections should be made based on color samples available from your Kolbe dealer. 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.

Color-matched interior paint is available through Sherwin-Williams in the United States and Canada. The color formula for Kolbe's interior paint finishes is in their National Account System.

COMBINATION OPTIONS

EXTERIOR	INTERIOR				
	CLOUD	SAHARA	BRONZE	MIDNIGHT	WOOD
	CLOUD				
	SAHARA				
	BRONZE				
	MIDNIGHT				
	TUNGSTEN				

CLOUD	SAHARA	BRONZE	MIDNIGHT	TUNGSTEN
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NOTE: Tungsten is available as an exterior finish only. Ask your Kolbe dealer for details.



CASEMENTS

The design and performance of Forgent® Series casements are the features that make these windows so popular. Casements open from the side to a 90-degree angle, allowing for maximum ventilation up to 36-by-78 inches. Multi-point locking levers offer a convenient way to tightly secure your windows from one locking location. Crank handles fold down when not in use to prevent interference with window treatments.



CASEMENTS

CRANK-OUT | PICTURE | TRANSOM | PICTURE COMBINATION
MULLED CONFIGURATIONS



STANDARD FEATURES

- ▶ 4-9/16" jam depth (*New Construction*)
- ▶ Flush frame groove filler (*New Construction - no extension jamb*)
- ▶ Energy efficient, insulating Solar Low-E glass
- ▶ Dry glazed to the interior with beveled glazing bead
- ▶ Accessory grooves are integral to the extruded frames for the easy addition of accessories
- ▶ Insect screen with BetterVue® fiberglass mesh and Water Shed Technology™
- ▶ Crank-out nesting handle and multi-point traditional locking levers are color matched to the interior
- ▶ Integral 1-1/4" nailing fin provides easier installation and helps seal the window opening
- ▶ Box-to-box mullion



OPTIONS

(not all options are available on all casement types; custom options also available)

- ▶ Exterior acrylic film in Midnight, Bronze or Tungsten
- ▶ Multiple trim accessories (*shipped loose*)
- ▶ Insect screen available with aluminum or UltraVue® mesh
- ▶ Extension jambs available in depths up to 9" overall
- ▶ Offset extension jambs
- ▶ Stepped frame groove filler for drywall return (*no extension jamb*)
- ▶ Galvanized steel installation clips
- ▶ Nesting handle & locking lever in a variety of finishes
- ▶ Ashlar handle in a variety of finishes
- ▶ Window Opening Control Device (WOCD)
- ▶ Coastal hardware package
- ▶ Impact performance

GLASTRA/GLASTRA (additional options specific to Glastra interiors)

- ▶ 3-1/4" overall frame depth; no nailing fin and pre-drilled for installation (*Replacement*)
- ▶ Cloud or Sahara integral color
- ▶ Interior acrylic film in Midnight or Bronze (*only on units with Midnight or Bronze exterior*)

GLASTRA/WOOD (additional options specific to Wood interiors)

- ▶ 4-1/16" overall frame depth; no nailing fin and pre-drilled for installation (*Replacement*)
- ▶ Unfinished pine interior with no visible fasteners or wood exposed to the exterior
- ▶ Latex primed interior*
- ▶ Interior prefinishing
- ▶ Wood glazing bead receptor

NOTES: All measurements are nominal.

* Latex primer is not a final finish.

BetterVue®, UltraVue® and Water Shed Technology™ are registered trademarks of PHIFER INCORPORATED. Limitations may apply. Please consult your local Kolbe dealer for more details.



AWNINGS

Forgent Series awning windows open outward from the bottom, to allow generous airflow even on rainy or misty days. Awnings offer unique style to any room and are the perfect complement to other Kolbe® windows and doors – with maximum openings up to 5-by-5 feet. Crank-out nesting handles, stylish Ashlar handles and dual-arm operators make these windows easy to open and close. Crank-out handles fold down when not in use.



AWNINGS

CRANK-OUT | PICTURE UNITS | PICTURE COMBINATION
MULLED CONFIGURATIONS



Tommy Everson Architect | City Homes | Spacecrafting Photography

STANDARD FEATURES

- ▶ 4-9/16" jam depth (*New Construction*)
- ▶ Flush frame groove filler (*New Construction - no extension jamb*)
- ▶ Energy efficient, insulating Solar Low-E glass
- ▶ Dry glazed to the interior with beveled glazing bead
- ▶ Accessory grooves are integral to the extruded frames for the easy addition of accessories
- ▶ Insect screen with BetterVue® fiberglass mesh and Water Shed Technology™
- ▶ Crank-out nesting handle and multi-point traditional locking levers are color matched to the interior
- ▶ Integral 1-1/4" nailing fin provides easier installation and helps seal the window opening
- ▶ Box-to-box mullion



OPTIONS

(not all options are available on all casement types; custom options also available)

- ▶ Exterior acrylic film in Midnight, Bronze or Tungsten
- ▶ Multiple trim accessories (*shipped loose*)
- ▶ Insect screen available with aluminum or UltraVue® mesh
- ▶ Extension jambs available in depths up to 9" overall
- ▶ Offset extension jambs
- ▶ Stepped frame groove filler for drywall return (*no extension jamb*)
- ▶ Galvanized steel installation clips
- ▶ Nesting handle & locking lever in a variety of finishes
- ▶ Ashlar handle in a variety of finishes
- ▶ Coastal hardware package
- ▶ Impact performance

GLASTRA/GLASTRA (additional options specific to Glastra interiors)

- ▶ 3-1/4" overall frame depth; no nailing fin and pre-drilled for installation (*Replacement*)
- ▶ Cloud or Sahara integral color
- ▶ Interior acrylic film in Midnight or Bronze (*only on units with Midnight or Bronze exterior*)

GLASTRA/WOOD (additional options specific to Wood interiors)

- ▶ 4-1/16" overall frame depth; no nailing fin and pre-drilled for installation (*Replacement*)
- ▶ Unfinished pine interior with no visible fasteners or wood exposed to the exterior
- ▶ Latex primed interior*
- ▶ Interior prefinishing
- ▶ Wood glazing bead receptor

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DOUBLE HUNG

Blending seamlessly with traditional architecture, the Colonial American style sash operate easily and tilt inward for convenient cleaning. Handles on both sash allow smooth opening and closing, while a sloped sill helps guard against water damage. Replace older windows with cottage-style units, and a choice of divided lites, hardware, screens, or triple pane glass – for enhanced style and performance.



DOUBLE HUNG

NEW CONSTRUCTION | REPLACEMENT
COTTAGE STYLE | REVERSE COTTAGE STYLE | STUDIO | TRANSOM
PICTURE COMBINATION UNITS | SEGMENT HEAD | HALF-CIRCLE TOP



Photo courtesy of Stacy Zarin-Goldberg

STANDARD FEATURES

- ▶ Flush frame groove filler (*New Construction - no extension jamb*)
- ▶ Energy efficient, insulating Solar Low-E glass
- ▶ Equal glass sizing provides matching sight lines from sash to sash
- ▶ Dry glazed to the interior with beveled glazing bead
- ▶ Accessory grooves are integral to the extruded frames for the easy addition of accessories
- ▶ Full frame insect screen with BetterVue® fiberglass mesh and Water Shed Technology™
- ▶ Stainless steel, constant force balance system provides durability and ease of operation
- ▶ Sash lock and tilt latches are color matched to the interior
- ▶ Integral 1-1/4" nailing fin provides easier installation and helps seal the window opening (*New Construction*)

OPTIONS (*custom options are also available*)

- ▶ Exterior acrylic film in Midnight, Bronze or Tungsten
- ▶ Fixed top sash
- ▶ Multiple trim accessories (*shipped loose*)
- ▶ Insect screen available with aluminum or UltraVue® mesh
- ▶ Extension jambs available in depths up to 9" overall
- ▶ Offset extension jambs
- ▶ Stepped frame groove filler for drywall return (*no extension jamb*)
- ▶ Galvanized steel installation clips
- ▶ Lift handle in various finishes to match hardware
- ▶ Window Opening Control Device (WOCD)
- ▶ Sash limiters for safety (*non by-passable and does not meet WOCD requirements*)
- ▶ Cottage and reverse cottage style
- ▶ Impact performance

GLASTRA/GLASTRA (*additional options specific to Glastra interiors*)

- ▶ 3-1/4" overall frame depth (*Replacement*)
- ▶ Cloud or Sahara integral color
- ▶ Interior acrylic film in Midnight or Bronze (*only on units with Midnight or Bronze exterior*)
- ▶ Lift handle on bottom sash is color matched to the interior

GLASTRA/WOOD (*additional options specific to Wood interiors*)

- ▶ 4-1/8" overall frame depth (*Replacement*)
- ▶ Unfinished pine interior with no visible fasteners or wood exposed to the exterior
- ▶ Latex primed interior*
- ▶ Interior prefinishing
- ▶ Wood glazing bead receptor



GLASTRA/WOOD
NEW CONSTRUCTION DOUBLE HUNG

NOTES: All measurements are nominal.

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SLIDING WINDOWS

Sliding windows provide space-saving solutions for expansive openings while offering solid performance ratings. The design incorporates a Glastra® exterior, a Glastra or pine interior, and tilt-in sash for easy operation and cleaning. Forgent® Series single and triple sliding windows are best where space is at a premium, with maximum panel heights up to 72".



SLIDING WINDOWS

NEW CONSTRUCTION | REPLACEMENT
SINGLE | DOUBLE | TRIPLE | QUAD



STANDARD FEATURES

- ▶ Flush frame groove filler (*New Construction - no extension jamb*)
- ▶ Available as Active-Fixed (AF) or Fixed-Active (FA)
- ▶ Energy efficient, insulating Solar Low-E glass
- ▶ Equal glass sizing provides matching sight lines from sash to sash
- ▶ Dry glazed to the interior with beveled glazing bead
- ▶ Accessory grooves are integral to the extruded frames for the easy addition of accessories
- ▶ Integral 1-1/4" nailing fin provides easier installation and helps seal the window opening (*New Construction*)
- ▶ Full frame insect screen with BetterVue® fiberglass mesh and Water Shed Technology™
- ▶ Nylon rollers for ease-of-operation
- ▶ Sash lock and tilt latches are color matched to the interior
- ▶ Tilt latches placed at the top of the operable sash for ergonomic removal

OPTIONS (*custom options are also available*)

- ▶ Exterior acrylic film in Midnight, Bronze or Tungsten
- ▶ Triple sliding 1/4-1/2-1/4 and 1/3-1/3-1/3 splits
- ▶ Multiple trim accessories (*shipped loose*)
- ▶ Insect screen available with aluminum or UltraVue® mesh
- ▶ Half screen
- ▶ Pull handle in various finishes to match hardware
- ▶ Extension jambs available in depths up to 9" overall
- ▶ Offset extension jambs
- ▶ Stepped frame groove filler for drywall return (*no extension jamb*)
- ▶ Galvanized steel installation clips
- ▶ Window Opening Control Device (WOCD)
- ▶ Sash limiters for safety (*non by-passable and does not meet WOCD requirements*)
- ▶ Impact performance

GLASTRA/GLASTRA (*additional options specific to Glastra interiors*)

- ▶ 3-1/4" overall frame depth (*Replacement*)
- ▶ Cloud or Sahara integral color
- ▶ Interior acrylic film in Midnight or Bronze (*only on units with Midnight or Bronze exterior*)
- ▶ Pull handle on active sash is color matched to the interior

GLASTRA/WOOD (*additional options specific to Wood interiors*)

- ▶ 4-1/8" overall frame depth (*Replacement*)
- ▶ Unfinished pine interior with no visible fasteners or wood exposed to the exterior
- ▶ Latex primed interior*
- ▶ Interior prefinishing
- ▶ Wood glazing bead receptor



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SPECIALTY WINDOWS

Forgent® Series specialty windows are available in varied sizes and styles. Direct sets are ideal for maximizing daylight when venting is not required. The glass is set directly into the frame, allowing a larger opening for passive lighting and views. Radius windows can stack over other Kolbe® windows and doors to create gracious curves and allow more light to enter. Geometrics can create a focal point, accentuate the architectural design, or comprise a window wall with angled shapes.



DIRECT SETS

NEW CONSTRUCTION | REPLACEMENT



© Spacecrafting Photography | Denali Custom Homes | Redstone Interiors

STANDARD FEATURES

- ▶ Flush frame groove filler (*New Construction - no extension jamb*)
- ▶ Units designed to be mulled directly to other Forgent Series products, either in the factory or in the field
- ▶ Energy efficient, insulating Solar Low-E glass
- ▶ Dry glazed to the interior with a beveled bead
- ▶ Integral 1-1/4" nailing fin provides easier installation and helps seal the window opening



OPTIONS *(custom options are also available)*

- ▶ Replacement direct sets in casement and new construction double hung profiles
- ▶ Casement and double hung direct set profiles available for a pleasing match
- ▶ Exterior acrylic film in Midnight, Bronze or Tungsten
- ▶ Multiple trim accessories (*shipped loose*)
- ▶ Extension jambs available in depths up to 9" overall
- ▶ Offset extension jambs
- ▶ Stepped frame groove filler for drywall return (*no extension jamb*)
- ▶ Galvanized steel installation clips
- ▶ Impact performance

GLASTRA/GLASTRA *(additional options specific to Glastra interiors)*

- ▶ Cloud or Sahara integral color
- ▶ Interior acrylic film in Midnight or Bronze (*only on units with Midnight or Bronze exterior*)

GLASTRA/WOOD *(additional options specific to Wood interiors)*

- ▶ Unfinished pine interior
- ▶ Latex primed interior*
- ▶ Interior prefinishing
- ▶ Square wood stops

NOTES: All measurements are nominal.

* Latex primer is not a final finish.

RADIUS DIRECT SETS

QUARTER CIRCLE | HALF CIRCLE | FULL CIRCLE
SEGMENT | QUARTER SEGMENT | WITH OR WITHOUT LEGS



STANDARD FEATURES

- ▶ Flush frame groove filler (*New Construction - no extension jamb*)
- ▶ Units designed to be mulled directly to other Forgent Series products, either in the factory or in the field
- ▶ Energy efficient, insulating Solar Low-E glass
- ▶ Dry glazed to the interior with a beveled bead
- ▶ Integral 1-1/4" nailing fin provides easier installation and helps seal the window opening



**GLASTRA/WOOD
CASEMENT DIRECT SET**

OPTIONS *(custom options are also available)*

- ▶ Replacement direct sets in casement and new construction double hung profiles
- ▶ Casement and double hung direct set profiles available for a pleasing match
- ▶ Exterior acrylic film in Midnight, Bronze or Tungsten
- ▶ Multiple trim accessories (*shipped loose*)
- ▶ Extension jambs available in depths up to 9" overall
- ▶ Offset extension jambs
- ▶ Stepped frame groove filler for drywall return (*no extension jamb*)
- ▶ Galvanized steel installation clips
- ▶ Impact performance
- ▶ Custom shapes

GLASTRA/GLASTRA *(additional options specific to Glastra interiors)*

- ▶ Cloud or Sahara integral color
- ▶ Interior acrylic film in Midnight or Bronze (*only on units with Midnight or Bronze exterior*)

GLASTRA/WOOD *(additional options specific to Wood interiors)*

- ▶ Unfinished pine interior
- ▶ Latex primed interior*
- ▶ Interior prefinishing
- ▶ Square wood stops

NOTES: All measurements are nominal.

* Latex primer is not a final finish.

GEOMETRIC DIRECT SETS

PENTOID | PARALLELOGRAM | TRAPEZOID | RIGHT TRIANGLE | ISOSCELES TRIANGLE | CLIPPED CORNER | DOUBLE CLIPPED CORNER | OCTAGON



© Spaced-Art Photography | Denali Custom Homes | Redstone Interiors

STANDARD FEATURES

- ▶ Flush frame groove filler (*New Construction - no extension jamb*)
- ▶ Units designed to be mulled directly to other Forgent Series products, either in the factory or in the field
- ▶ Energy efficient, insulating Solar Low-E glass
- ▶ Dry glazed to the interior with a beveled bead
- ▶ Integral 1-1/4" nailing fin provides easier installation and helps seal the window opening



OPTIONS (*custom options are also available*)

- ▶ Replacement direct sets in casement and new construction double hung profiles
- ▶ Casement and double hung direct set profiles available for a pleasing match
- ▶ Exterior acrylic film in Midnight, Bronze or Tungsten
- ▶ Multiple trim accessories (*shipped loose*)
- ▶ Extension jambs available in depths up to 9" overall
- ▶ Offset extension jambs
- ▶ Stepped frame groove filler for drywall return (*no extension jamb*)
- ▶ Galvanized steel installation clips
- ▶ Impact performance
- ▶ Custom shapes

GLASTRA/GLASTRA (*additional options specific to Glastra interiors*)

- ▶ Cloud or Sahara integral color
- ▶ Interior acrylic film in Midnight or Bronze (*only on units with Midnight or Bronze exterior*)

GLASTRA/WOOD (*additional options specific to Wood interiors*)

- ▶ Unfinished pine interior
- ▶ Latex primed interior*
- ▶ Interior prefinishing
- ▶ Square wood stops

NOTES: All measurements are nominal.

* Latex primer is not a final finish.

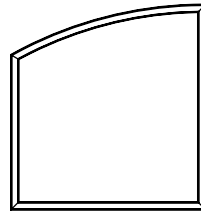
SPECIALTY WINDOW SHAPES



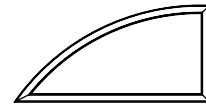
Segment



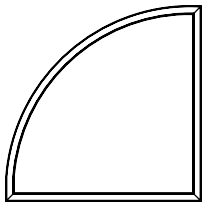
Segment
w/o legs



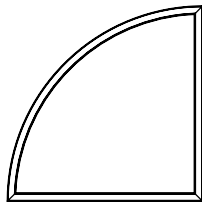
Quarter
Segment



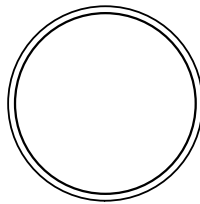
Quarter Segment
w/o legs



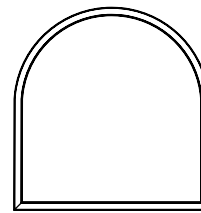
Quarter
Circle



Quarter Circle
w/o legs



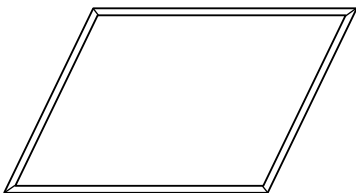
Full Circle*



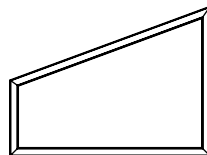
Half Circle



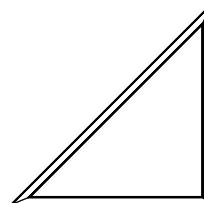
Half Circle
w/o legs



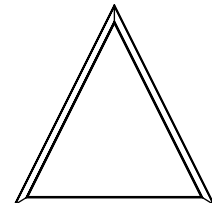
Parallelogram



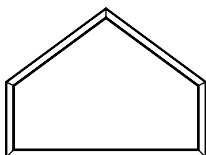
Trapezoid



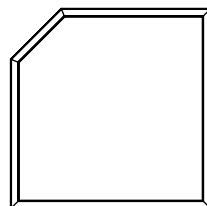
Right Triangle



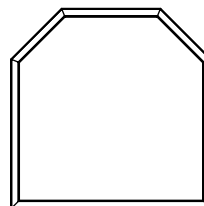
Isosceles Triangle



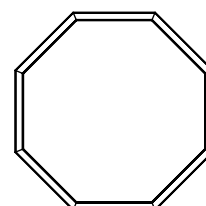
Pentoid



Clipped Corner



Double Clipped
Corner



Octagon

*Full Circle is only available in All Glastra.



COMPLEMENTARY DOORS

Kolbe offers a selection of sliding, multi-slide and swinging doors from our other product lines to complement the Forgent® Series windows used in your design. Mix and match the distinct styles, characteristics and expanded options to achieve your desired aesthetic. The same coordinated lead times will help builders get all of the products needed to complete their project.



COMPLEMENTARY SLIDING DOORS

2-PANEL | 3-PANEL | 4-PANEL | TRANSOMS



STANDARD FEATURES

- ▶ Cloud or Sahara interior and exterior color
- ▶ Standard jamb width is 5-15/16" (4-9/16" behind the nailing fin)
- ▶ Energy efficient, tempered Solar Low-E glass
- ▶ Dry glazed to the interior
- ▶ Accessory grooves are integral to the extruded frames for easy addition of accessories
- ▶ Frame setup for 2-wide doors
- ▶ Equal glass sizing provides matching sight lines from panel to panel
- ▶ Steel panel reinforcement for rigidity
- ▶ Stainless steel panel rollers
- ▶ Allure dual-point handle set in White
- ▶ Low-profile, aluminum-capped self-draining sill in Bronze anodized

OPTIONS (custom options are also available)

- ▶ Exterior in Midnight, Bronze or Tungsten color
- ▶ Interior in Midnight or Bronze color
(only on units with Midnight or Bronze exterior)
- ▶ Allure dual-point handle set in Clay
- ▶ Multi-point locking handle sets with arch and bell escutcheons in various finishes
- ▶ Signature handle set in a variety of finishes
- ▶ Contemporary Square handle set in a variety of finishes
- ▶ Secondary security lock (foot bolt)
- ▶ Insect screen with BetterVue® fiberglass mesh and Water Shed Technology™ in extruded aluminum frame
- ▶ Insect screen with UltraVue® fiberglass mesh or aluminum mesh
- ▶ Centor® retractable interior screens and shades in select sizes, configurations and colors
- ▶ Galvanized steel installation clips
- ▶ Three-point lock mechanism
- ▶ AutoSlide™ automation options with four modes: Automatic, Hold Open, Lock, Pet
- ▶ Impact performance

OPERATIONAL OPTIONS

3-Wide Unit

- ▶ Operation = Active-Fixed-Fixed (AFF) or Fixed/Fixed/Active (FFA)

4-Wide Unit

- ▶ Operation = Fixed-Active-Active-Fixed (FAAF)

NOTE: All measurements are nominal.

Centor® is a registered trademark of Centor Design Pty Ltd.

BetterVue® and Water Shed Technology™ are registered trademarks of PHIFER INCORPORATED.

AutoSlide™ is a registered trademark of AutoSlide LLC.

Limitations may apply. Please consult your local Kolbe dealer for more details.

COMPLEMENTARY MULTI-SLIDE DOORS

3-PANEL | 6-PANEL



STANDARD FEATURES

- ▶ Cloud or Sahara interior and exterior color
- ▶ 3- or 6-panel stacking configurations
- ▶ Energy efficient, tempered Solar Low-E glass
- ▶ Frame shipped knocked down, prepped for assembly
- ▶ Contemporary Square handle set with dual-point lock in White
- ▶ Bronze anodized aluminum-capped, self-draining sill

OPTIONS *(custom options are also available)*

- ▶ Exterior in Midnight, Bronze or Tungsten color
- ▶ Interior in Midnight or Bronze color
- ▶ Galvanized steel installation clips
- ▶ Retractable insect screen in White or Black
- ▶ Centor® retractable interior screens and shades in select sizes, configurations and colors
- ▶ Contemporary Square handle set with dual-point lock in additional finishes, including split finishes
- ▶ AutoSlide™ automation options with four modes: Automatic, Hold Open, Lock, Pet
- ▶ HVHZ impact performance (3-panel only)

OPERATIONAL OPTIONS

3-Wide Unit

- ▶ Active-Active-Fixed (AAF)
- ▶ Fixed-Active-Active (FAA)

6-Wide Unit

- ▶ Fixed-Active-Active-Active-Active-Fixed (FAAAAF)

ADDITIONAL DOORS

SLIDING | MULTI-SLIDE | SWINGING

See how Kolbe's versatile product lines can help complete your Forgent® Series project.



© Keen Eye Marketing

Ultra Series

Designed for versatility, durability & performance, these wood-and-aluminum-clad doors are ideal for traditional to modern architectural styles. The ability to match design details and colors with a palette of long-lasting, vibrant hues – plus custom blends – allows them to coordinate with any aesthetic.

SLIDING DOORS | MULTI-SLIDE DOORS | SWINGING DOORS



© Zack Benson

VistaLuxe® Collection

Complement your Forgent Series project with clean lines and large expanses of glass. Choose from the VistaLuxe® WD LINE's warm wood interiors with extruded aluminum exteriors, or thermally broken, all-aluminum VistaLuxe® AL LINE doors for contemporary style and functionality.



© Jeeheon Cho

VistaLuxe® WD LINE

SLIDING DOORS | MULTI-SLIDE DOORS | SWINGING DOORS

VistaLuxe® AL LINE

MULTI-SLIDE DOORS (SP68) | SWINGING DOORS (ML8)



Heritage Series

Perfect for restoration projects, these all-wood doors are designed for architectural and historical authenticity. Complement Forgent Series windows with stained wood interiors and high-performance K-Kron II coated exteriors.

SLIDING DOORS | SWINGING DOORS

PROFESSIONAL TOOLS

Kolbe prides itself on offering the tools and resources architects, builders and other industry professionals need to complete their projects. From product specifications and 3D models to continuing education courses and webinars, Kolbe supports all of your project needs.



Project Credits: Tommy Everson Architect | Jason Briles | Bennett Bossert
Near & Streeter Custom Homes | Peter VonDeLinde Photography

AIA/CES COURSES

As a Registered AIA Continuing Education Services (CES) provider, Kolbe provides AIA Learning Units (LU) and/or Health, Safety & Welfare (HSW) credits as required per state and/or professional memberships to meet yearly requirements.

ARCHITECT LIBRARY

Kolbe's Architect Library is the main resource for specifying VistaLuxe WD LINE windows and doors. Search detailed product information and technical data, including:

- Cross section drawings
- Elevation charts
- 3D Revit® models
- CSI specifications
- Installation instructions

ADDITIONAL RESOURCES INCLUDE:

- Door configurations
- Clear openings
- Care & maintenance guide
- Acoustic data
- Energy performance
- Performance class & grade
- Product brochures
- Color & design samples
- Warranties

VIRTUAL SHOWROOMS

Experience Kolbe's full capabilities through our interactive showrooms filled with product displays and custom solutions.

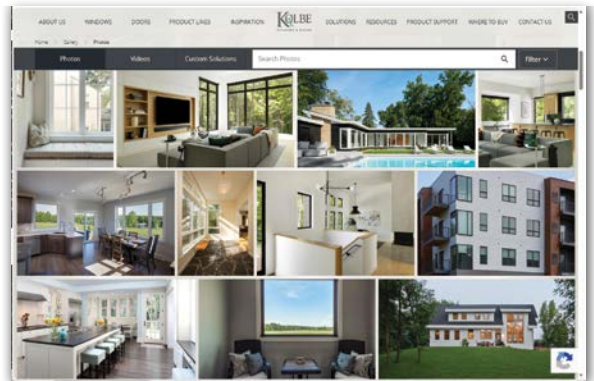
kolbewindows.com/virtual-showroom



INSPIRATION GALLERY

Browse through photos, videos, project profiles and custom solutions.

kolbewindows.com/gallery





KOLBE

WINDOWS & DOORS

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