ADVANCED TECHNOLOGY. INNOVATIVE DESIGN.

KOLBE
WINDOWS & DOORS

FORGENT® SERIES




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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.

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 EXTERIOR WITH GLASTRA INTERIOR


GLASTRA EXTERIOR WITH WOOD INTERIOR

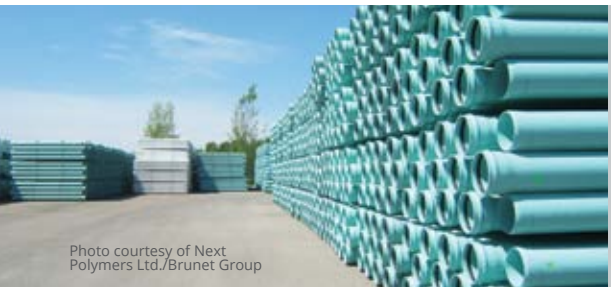


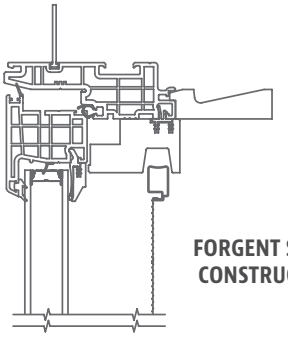
Photo courtesy of Next Polymers Ltd./Brunet Group

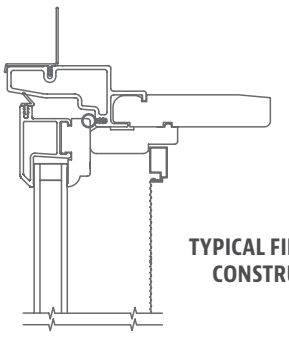
SUSTAINABLE TO THE CORE

The innovative recyclable Glastra material from which Forgent Series products are made promotes sustainability in today's environmentally responsible building projects. Manufacturing byproducts are repurposed for use in other industries, such as underground industrial piping.

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

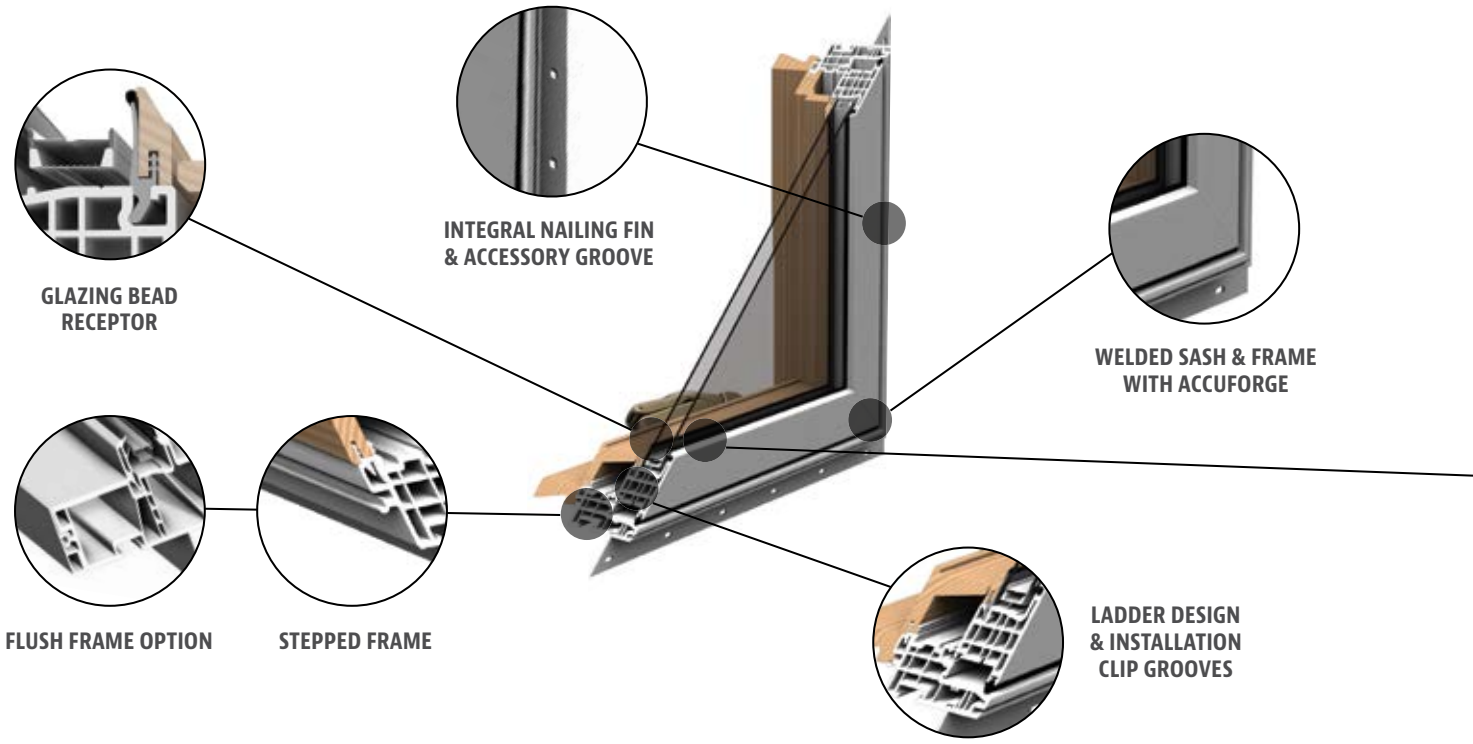


STRENGTH & PERFORMANCE

- 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, and 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



EXPLORE THE TECHNOLOGY

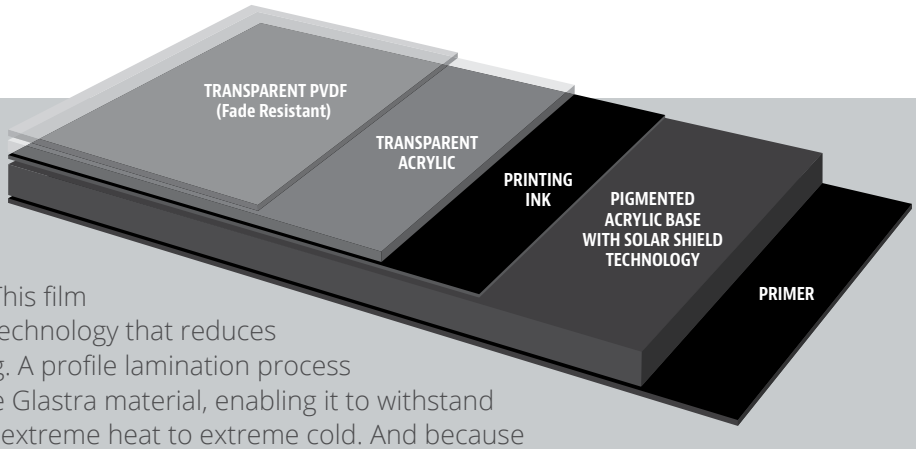


ACCUFORGE®

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.

Watch the video to see this innovative corner seam technology

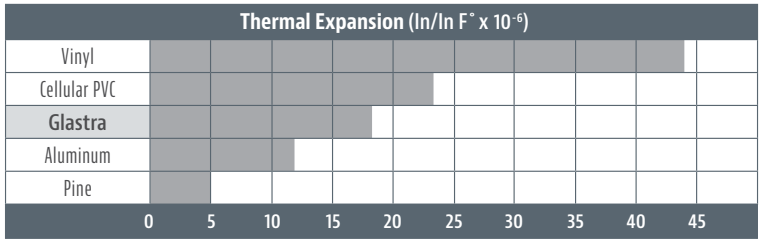
ACRYLIC FILM

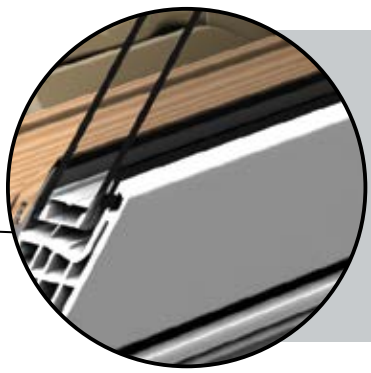


A Bronze**, Midnight** or Tungsten† film can be applied to Forgent Series Glastra products. This film utilizes a pigmented acrylic base technology that reduces heat absorption and resists fading. A profile lamination process permanently bonds the film to the Glastra material, enabling it to withstand 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.

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.





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.

AccuForge® is a trademark of Kolbe & Kolbe Millwork Co., Inc.
* Specialty windows (geometric and radius) and sliding doors are not manufactured with AccuForge® technology.
**Bronze and Midnight acrylic films can be applied to Forgent Series products with Cloud-colored Glastra interiors and exteriors. Ask your Kolbe dealer for details.
† Tungsten is only available as an exterior finish on select products with Cloud-colored interiors. Ask your Kolbe dealer for details.

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.

PRODUCTS

WINDOWS

All Glastra or Glastra/Wood:

- Casements
- Awnings
- Double hungs
- Sliding
- Direct sets (rectangular, geometric & radius)

COMPLEMENTARY DOORS

Select doors available from Kolbe to complement Forgent Series products

- Swinging
- Sliding
- Multi-slide

OPTIONS

GLASS

- Double pane; Insulated glass
- Triple pane; Insulated glass
- Various Low-E coatings
- Specialty & privacy glass
- Vacuum insulating technology

DIVIDED LITES

- Performance divided lites
- Grilles-in-the-airspace

WINDOW HARDWARE FINISHES

- Clay
- White
- Satin Nickel
- Matte Black
- Rustic Umber

EXTERIOR ACCESSORIES

- Casings
- Brickmoulds
- Frame expanders
- J-Channels
- Sill nosings

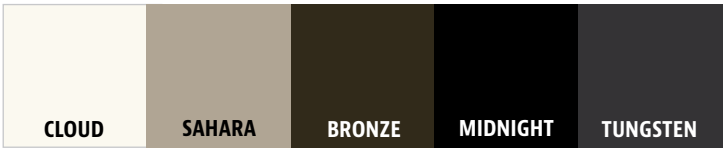
FINISHES

Forgent Series offers popular exterior and interior finishes to coordinate with hardware selection, trim and décor.

The Cloud and Sahara colors are integral to the Glastra® material, while Bronze, Midnight and Tungsten can be applied in various combinations, as shown below.

COMBINATION OPTIONS

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



NOTE: Tungsten is available as an exterior finish only.
Ask your Kolbe dealer for details.

INTERIOR OPTIONS - GLASTRA/WOOD UNITS



* All units supplied with unfinished Pine interiors must be finished in the field.
** Latex primer is not a final finish.
† White Paint and Black Paint are applied as single coats, with some visible woodgrain.

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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. 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.



Scan the QR code to see our full Forgent Series Product Catalog & other available literature.

kolbewindows.com/brochures

KOLBE®
WINDOWS & DOORS
We're for the visionaries.®

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