

# Mezzo™

AESTHETICS AND TECHNOLOGY...REDEFINED



Alside®



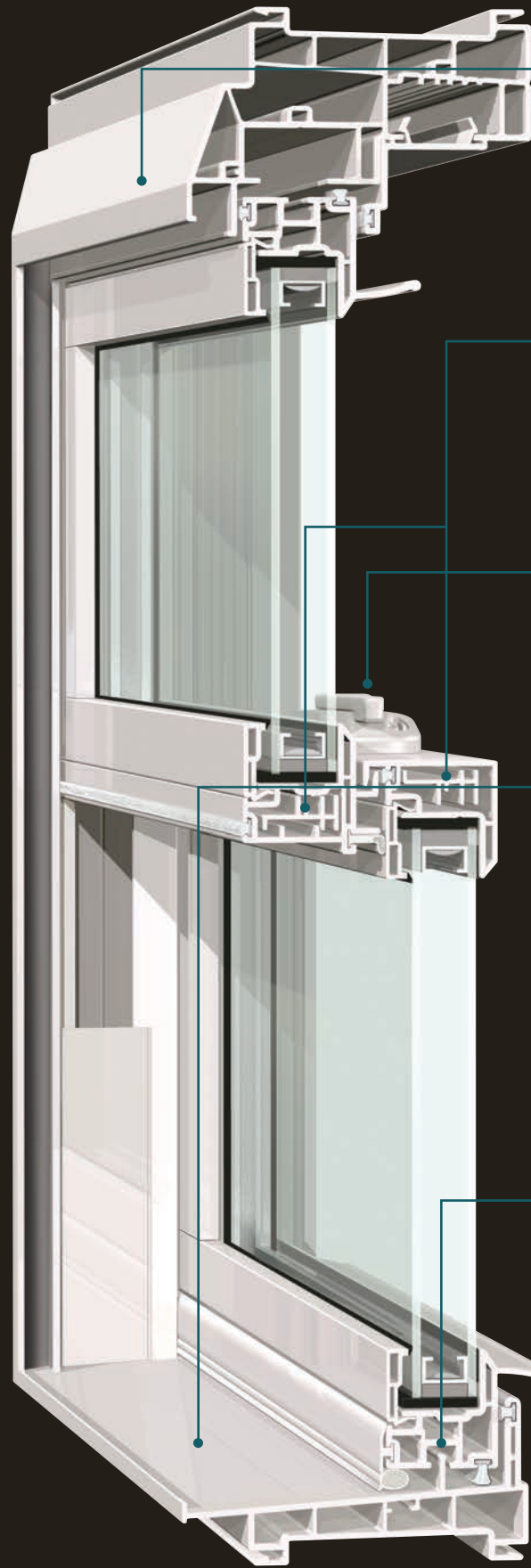
Welcome Home

MEZZO WINDOWS . . . QUALITY AT ITS BEST. It's the ultimate collaboration. Elegant, sleek style mixed with take-charge strength and energy efficiency. The aesthetics are everything you want in a window and the performance power is cutting-edge. Strong, durable and weathertight, with custom beauty, easy upkeep and excellent value. Mezzo Windows are made for you.

A LEGACY OF EXCELLENCE AND INNOVATION. There is so much more to the windows in your home than the frame, sashes and glass. The true substance is the quality and expertise built into every step of the design and manufacturing process. In Alside Windows you have found the premier union of heritage and innovation – the promise of best-in-class materials and future-forward engineering. Our more than 65 years of industry excellence stands strong as our legacy of leadership and trust, where customer happiness always comes first.

We also take special pride in our exceptional "Made in America" quality. Our U.S. operations not only champion the tradition of American ingenuity and craftsmanship, they also fortify our nation with quality jobs and economic dollars. Together, we will continue to strengthen the prosperity of our country.





The beauty of our EdgeForce narrowline frame and sashes is subtle and substantial at the same time. The sleek design is visually clean and contemporary, with a larger glass area for exceptional daylighting and outside viewing. And beneath the elegance? Internal chambers are meticulously engineered for structural integrity and enhanced energy efficiency.



CoreFX is a structural component that never quits. This innovative composite reinforcement allows for secure mounting of hardware and the non-conductive material also reduces the transfer of energy for superior thermal performance.<sup>1</sup>



Stylish and strong, this low-profile secure locking hardware features an indicator that tells you if your windows are left unlocked. But the true beauty of Defense-Tek is its end-of-throw cam shift locking action, expertly constructed for increased protection.



Forecaster elevates both the appearance and performance of Mezzo Windows with its smooth, uniform design. The true sloped sill is expertly crafted to provide a highly efficient drainage system that promotes water runoff without the use of weep holes.<sup>2</sup>



The benefits distinction here is three-fold: protection from air and water infiltration, increased structural stability and enhanced beauty. The integrated telescoping sill dam effortlessly blends strength with style.



When extreme wind and weather hit your home, Gatekeeper stands strong. Traditional sloped sill designs can allow the sash to bow during powerful winds, but with Gatekeeper interlocking sash-to-sill technology, the sash is channeled firmly into the window frame for a unified wall of strength. Combined with three layers of weatherstripping, Gatekeeper delivers unmatched protection, as well as peace of mind.



Improved form and functionality is the focus of our Ocular screen bulb seal. The compression bulb aids in the installation and removal of the extruded aluminum screen. The snug fit also eliminates light penetration between the screen and frame and helps block insect access.<sup>3</sup>

<sup>1</sup> Double-hung base model will automatically be upgraded to ST (steel reinforcement) for all units ordered in excess of 48" wide or 78" high.

<sup>2</sup> For larger size windows or to meet specific DP/PG ratings, optional weeps/performance package must be ordered.

<sup>3</sup> Available only with the full screen option.



## Beauty Forged with Performance

The closer you look, the more you'll see why Mezzo is a standout choice for your home.

TAKING OUR  
CUE FROM YOU . . .  
CONSUMERS  
TELL US WHAT'S  
MOST IMPORTANT.

For many homeowners, purchasing replacement windows is a substantial investment. The new windows not only must enhance the appearance of their home inside and out, but also increase energy savings year-round. The perfect union of beauty and strength – expertly built and backed by outstanding warranty protection.

- Beauty and Aesthetics
- Energy Efficiency and Comfort
- Durability
- Maintenance Freedom
- Peace of Mind – Warranty Protection, Third-Party Accreditations



**FULLY FUSION-WELDED FRAME AND SASH CORNERS** create superior strength and a clean, low-profile finished look.



**DUAL-PANE, DOUBLE-STRENGTH GLASS** increases strength, durability and insulation.



**AIRTIGHT INSULATING CHAMBERS** enhance thermal performance and durability.



**MULTI-LAYER WEATHERSTRIPPING** helps block energy loss and protects against inclement weather.

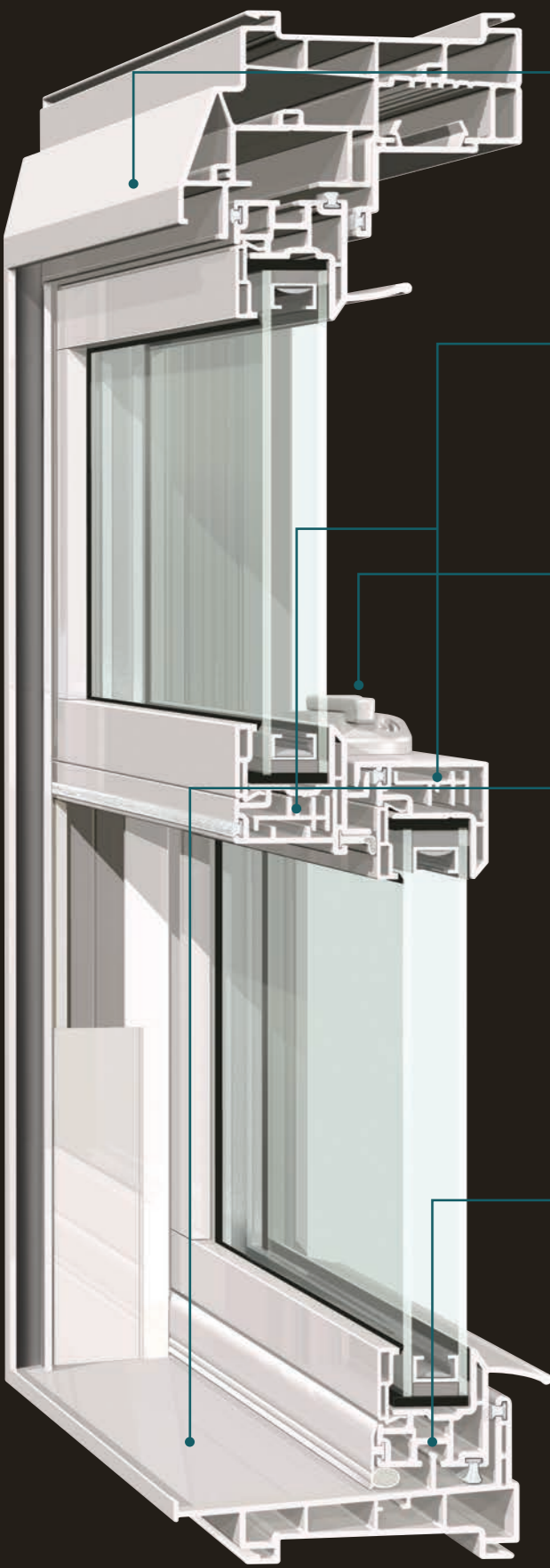


**DUAL VENT STOPS** for limited and convenient opening of the window for ventilation.



**HIDDEN SCREEN TRACK** creates a clean-line design for enhanced visual appeal; half screens are standard, optional full screens available.<sup>†</sup>

<sup>†</sup> Full screens are standard on exterior color-finished windows.



The beauty of our EdgeForce narrowline frame and sashes is subtle and substantial at the same time. The sleek design is visually clean and contemporary, with a larger glass area for exceptional daylighting and outside viewing. And beneath the elegance? Internal chambers are meticulously engineered for structural integrity and enhanced energy efficiency.



CoreFX is a structural component that never quits. This innovative composite reinforcement allows for secure mounting of hardware and the non-conductive material also reduces the transfer of energy for superior thermal performance.<sup>1</sup>



Stylish and strong, this low-profile secure locking hardware features an indicator that tells you if your windows are left unlocked. But the true beauty of Defense-Tek is its end-of-throw cam shift locking action, expertly constructed for increased protection.



Forecaster elevates both the appearance and performance of Mezzo Windows with its smooth, uniform design. The true sloped sill is expertly crafted to provide a highly efficient drainage system that promotes water runoff without the use of weep holes.<sup>2</sup>



The benefits distinction here is three-fold: protection from air and water infiltration, increased structural stability and enhanced beauty. The integrated telescoping sill dam effortlessly blends strength with style.



When extreme wind and weather hit your home, Gatekeeper stands strong. Traditional sloped sill designs can allow the sash to bow during powerful winds, but with Gatekeeper interlocking sash-to-sill technology, the sash is channeled firmly into the window frame for a unified wall of strength. Combined with three layers of weatherstripping, Gatekeeper delivers unmatched protection, as well as peace of mind.



Improved form and functionality is the focus of our Ocular screen bulb seal. The compression bulb aids in the installation and removal of the extruded aluminum screen. The snug fit also eliminates light penetration between the screen and frame and helps block insect access.<sup>3</sup>

<sup>1</sup> Double-hung base model will automatically be upgraded to ST (steel reinforcement) for all units ordered in excess of 48" wide or 78" high.

<sup>2</sup> For larger size windows or to meet specific DP/PG ratings, optional weeps/performance package must be ordered.

<sup>3</sup> Available only with the full screen option.



## High-Performance Glass Packages – Maximize Your Energy Savings Year-Round.

TAKING OUR CUE FROM YOU . . . CONSUMERS TELL US WHAT'S MOST IMPORTANT.

For many homeowners, purchasing replacement windows is a substantial investment. The new windows not only must enhance the appearance of their home inside and out, but also increase energy savings year-round. The perfect union of beauty and strength – expertly built and backed by outstanding warranty protection.

- Beauty and Aesthetics
- Energy Efficiency and Comfort
- Durability
- Maintenance Freedom
- Peace of Mind – Warranty Protection, Third-Party Accreditations

Reducing energy loss is often the number one reason for purchasing replacement windows. Windows are roughly 80% glass, so it's important to choose the ideal glass system for your home and climate. Upgrading to a high-performance insulated glass package with Low-E glass will help further increase year-round energy savings. Low-E (low-emissivity) glass features a virtually clear metallic coating that allows warm solar rays to penetrate your home in the winter to help reduce heating costs. In summer, Low-E glass helps block solar heat to keep your home cooler and reduce air-conditioning usage. Low-E also helps minimize UV rays that can cause furnishings to fade.



**Winter Energy Savings:** Low-E insulating glass reduces heat loss by reflecting warm air back into your home.



**Summer Energy Savings:** Low-E helps block unwanted solar heat penetration to help reduce air-conditioning usage.

Mezzo offers two families of high-performance insulated glass packages:

- ClimaTech® combines insulating Low-E glass, argon gas and the Intercept® Warm-Edge Spacer System that features a unique, one-piece metal alloy, U-channel design that creates an effective thermal barrier.
- ClimaTech ThermD features insulating Low-E glass, argon gas and a stainless steel Intercept Warm-Edge Spacer System for even greater thermal efficiency.

### CLIMATECH THERMD WITH STAINLESS STEEL INTERCEPT SPACER – THE STRONGEST CHOICE.

The spacer system in your window not only stabilizes the panes of glass, it also plays a key role in the window's structural integrity. ClimaTech ThermD's Intercept spacer advances performance to the highest level through its stainless steel alloy and patented U-shaped design. Stainless steel – known for its unsurpassed strength, durability and resistance to corrosion – is also impervious to gas transmission, which improves insulating gas retention in the window unit and increases its overall thermal performance. The stainless steel spacer also incorporates flex for low stress on the sealant bond to offset effects of temperature changes and help to prevent seal failure.

- Structurally Superior
- Strongest Seal
- Advanced Technology
- Energy-Efficient

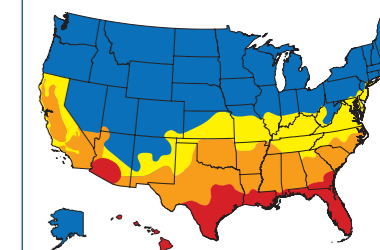
## Above and Beyond – Mezzo Meets Future ENERGY STAR® Requirements Today!



Mezzo Windows meet or exceed stringent ENERGY STAR requirements, providing triple-pane energy-saving performance in a dual-pane unit. The dual-pane, double-strength insulated glass, thermally optimized frame and sash and non-conductive composite reinforcements are just part of the advanced energy engineering that puts Mezzo in a class by itself – premium window performance with everyday affordability.

### GLASS PACKAGES SPECIFIC TO YOUR NEEDS.

Insulated glass units\* increase the energy efficiency of your windows beyond ordinary clear glass and can tailor the window to your specific climate challenges. The chart below makes it easy to compare the glass performance. The lower the U-Factor, the less energy you'll need to heat your home. The lower the Solar Heat Gain Coefficient (SHGC), the more you'll conserve on air-conditioning.



- Northern
- North-Central
- South-Central
- Southern

Mezzo Windows and Alside Patio Doors are available with a variety of glass options. Please consult your window professional to help you choose the best glass package to meet the ENERGY STAR requirements for your home and climate zone.

### THERMAL PERFORMANCE COMPARISON\*

	Double-Hung		Sliding	
	U-Factor	SHGC	U-Factor	SHGC
Clear Glass	0.46	0.59	0.45	0.57
ClimaTech	0.29	0.30	0.28	0.30
ClimaTech Elite	0.28	0.21	0.28	0.20
ClimaTech iE	0.28	0.30	0.28	0.30
ClimaTech ThermD	0.28	0.30	0.27	0.30
ClimaTech ThermD Elite	0.27	0.21	0.27	0.20
ClimaTech ThermD iE	0.27	0.30	0.26	0.30

\*Whole window values are based on double-strength glass, standard Mezzo offering with composite reinforcements. ST and HP performance values are also available.

### GLASS PACKAGE TERMINOLOGY

**Clear:** Double-paned clear glass unit.  
**ClimaTech:** Double-paned unit with one pane of Low-E glass, argon gas and metal alloy Intercept spacer.  
**ClimaTech Elite:** Double-paned unit with one pane of Low-E SHGC glass, argon gas and metal alloy Intercept spacer.  
**ClimaTech iE:** Double-paned unit with one pane of Low-E glass, argon gas and metal alloy Intercept spacer, along with insulation-enhanced mainframe.  
**ClimaTech ThermD:** Double-paned unit with one pane of Low-E SHGC glass, argon gas and stainless steel Intercept spacer.  
**ClimaTech ThermD Elite:** Double-paned unit with one pane of Low-E SHGC glass, argon gas and stainless steel Intercept spacer.  
**ClimaTech ThermD iE:** Double-paned unit with one pane of Low-E glass, argon gas and stainless steel Intercept spacer, along with insulation-enhanced mainframe.

# Double-Hung Windows



## FOREVER IN STYLE.

Mezzo's refined and purposeful design stays true to the classic double-hung style, yet exudes a cool, contemporary elegance with clean lines and crisp corners. The double-hung window is equally loved for its carefree functionality. No need to struggle with hard-to-reach areas. Both sashes tilt in to allow easy cleaning from inside the comfort of your home.

Built for everyday wear and tear, the expertly constructed sashes raise and lower easily on a constant force balance system, thus eliminating sash cords, weights and pulleys. Both the beauty and smooth operation of Mezzo Double-Hung Windows will be a simple pleasure.

- Narrowline frame and sashes with fusion-welded corners for exceptional beauty, strength and energy efficiency.
- Integrated sash-to-sill interlock provides a unified wall of strength; prevents the sash from bowing in extreme winds.
- Non-conductive, composite reinforcement in the meeting rails allows for secure mounting of hardware and improves energy efficiency.<sup>5</sup>
- True sloped sill creates a highly efficient drainage system to prevent water and debris accumulation.
- Constant force balance system provides smooth raising and lowering of sashes.
- Hidden screen track for a neat, clean appearance.



Comfortable, playful and  
**practical**  
 home is inspired by life.

**Near Right:** The easy-to-clean feature of Mezzo Double-Hung Windows adds to its popularity. Simply tilt in the sashes to access both sides of the glass from inside your home. **Far Right:** Narrowline frame and sashes enhance the aesthetic appeal, inside and out.



<sup>5</sup>Double-hung base model will automatically be upgraded to ST (steel reinforcement) for all units ordered in excess of 48" wide or 78" high.



Wide-open volume and natural light,  
**the perfect stage**  
 for the perfect day.



## Picture Windows and Special Shapes

**SOMETIMES BOLD, ALWAYS BEAUTIFUL.**

The true beauty of the picture window is its versatility. Whether grand or small, alone or combined with other window styles, Mezzo Picture Windows and Special Shapes make a statement of quality. The narrowline frame and full glass exposure offer an unobstructed outdoor view, while the high-performance insulating components provide a strong shield of protection against harsh weather and energy loss.

## Sliding Windows

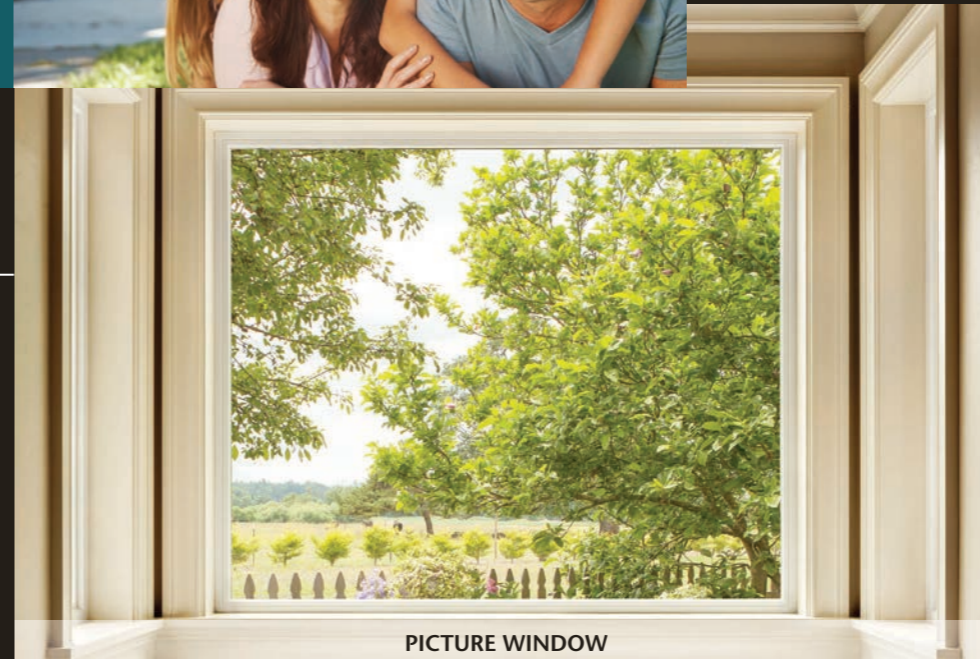
**SIMPLICITY AND EASE.**

Visually sleek and deceptively strong, Mezzo Sliding Windows are distinct in their slim silhouette, ample glass area and smooth gliding action. Both sashes slide horizontally for easy opening and closing and lift out for convenient cleaning. The heavy-duty construction and weathertight fit ensure excellent performance and protection.

- Narrowline frame and sashes with fusion-welded corners for exceptional beauty, strength and energy efficiency.
- Insulated glass unit with double-strength glass and warm-edge spacer system provides superior thermal protection and longevity.
- Embedded, multi-chambered construction creates airtight insulating compartments for increased thermal performance and strength.
- Non-conductive, composite reinforcement in the meeting rails allows for secure mounting of hardware and improves energy efficiency.
- Nylon-encased dual brass roller system for easy-glide performance.
- Hidden screen track for a neat, clean appearance.



**Above:** Quiet and smooth operation is assured with a precision-engineered roller system.



**PICTURE WINDOW**

**Above:** Picture windows and special shapes invite creativity when designing your home's window system. Use alone or combine multiple units to create a dramatic focal point.

- Narrowline frame with fusion-welded corners for exceptional beauty, strength and energy efficiency.
- Insulated glass unit with double-strength glass and warm-edge spacer system provides superior thermal protection and longevity.
- Embedded, multi-chambered construction creates airtight insulating compartments for increased thermal performance and strength.
- Choose from a variety of architectural styles, including Circle Top, Quarter Arch, Eyebrow, Half Eyebrow, Ellipse, Full Circle, Hexagon, Octagon, Pentagon, Cathedral, Trapezoid, Triangle and more.



**SPECIAL SHAPE**

# Casement and Awning Windows

## THE PINNACLE OF UTILITY AND DESIGN.

There's more to casement and awning windows than meets the eye. There's history and practicality, merging the old-world craftsmanship of a charming crank handle with the refined details of today's advanced window technology. Featuring a low-profile, easy-touch nesting handle, the casement sash gently opens outward, while the awning window opens up and out.

### CASEMENT WINDOWS

- Beveled exterior sash design creates the appearance of a larger glass area with an attractive slimline look.
- Step-down frame with compression-type inner bulb seal achieves a tight seal during inclement weather.
- State-of-the-art hinge system provides multi-directional ventilation and allows sash cleaning from inside the home.
- Positive crank mechanism permits easy operation when opening and closing the sash.
- Multi-point locking system ensures a tight seal and increased comfort.
- Multiple lite configurations available in a single mainframe.

### AWNING WINDOWS

- Beveled exterior sash design gives the window the appearance of a larger glass area with an attractive slimline look.
- Heavy-duty, state-of-the-art hinge system provides easy operation from inside the home.
- A dual locking system on each side of the window.
- Multiple lite configurations available in a single mainframe.
- Combine with fixed lites to allow for convenient ventilation while creating increased visibility.



CASEMENT WINDOW



AWNING WINDOW

# Bay, Bow & Garden Windows

## BRING OUT THE CHARACTER.

A striking focal point, a cozy reading nook, a bright display of herbs and flowers – anything is possible with bay, bow and garden windows. Each of these windows can transform your room from basic to beautiful.



BOW WINDOW



GARDEN WINDOW

### GARDEN WINDOWS

- Fully welded mainframe for strength and stability.
- Clear 1" insulated glass unit provides all-weather protection.
- Top sloped insulating glass panel is tempered for increased durability.
- Multi-point locking system for a tighter seal and added comfort.
- Available with white screens and white hardware only.

### BAY AND BOW WINDOWS

- 1-1/4" furniture-grade veneer is standard in the construction of head, seatboard and jambs.
- Head and seatboard are available in oak or birch veneer finishes and ready for painting or staining.\*\*
- 3" pre-insulated seatboard option.
- Slimline reinforced mullion design.
- Bay and bow windows are available in a variety of colors and finishes.
- Exterior roof system available with optional copper or painted aluminum roof clad kits.

### BAY/BOW AVONITE SEATBOARD OPTIONS



Cameo

Beach

Sandstone

Dusk

Mesa Brown

Black Lava

BAY WINDOW

# Sliding Patio Doors

## LEGENDARY QUALITY WITH MODERN DETAIL.

There's no better measurement for a patio door than performance. From a quality design and excellent construction to smooth operation and enduring beauty – sliding patio doors are a premier choice. Each door combines best-in-class manufacturing technology with artistic detail to provide an entry that's beautifully welcoming and always weathertight. Choose from three distinctive styles in Contemporary, Classic and French.

- Premium vinyl mainframe and sash extrusions are colored throughout – won't chip, peel, crack or warp and never needs to be painted.
- Mainframe and sash feature a double-wall design and multi-chambered construction for increased strength.
- 1" thick insulated glass unit with warm-edge spacer system saves energy year-round.
- Dual internal/external weatherstripping on the sash ensures optimal energy efficiency.
- Steel reinforcements at the interlocks and lock rails increase structural integrity.
- Precision-engineered tandem roller system ensures easy and quiet door operation.
- Heavy-duty extruded aluminum screen features four adjustable rollers for smooth gliding.
- Available in a 2-panel style in 5', 6', 8' and Wisconsin-style widths; 3-panel styles in 9' and 12' widths; and a 4-panel style in a 12' width with center panels that open to each side.
- Choose from a variety of solid colors, woodgrain options, hardware finishes and grid patterns to complement your Mezzo Windows.



CONTEMPORARY-STYLE PATIO DOOR



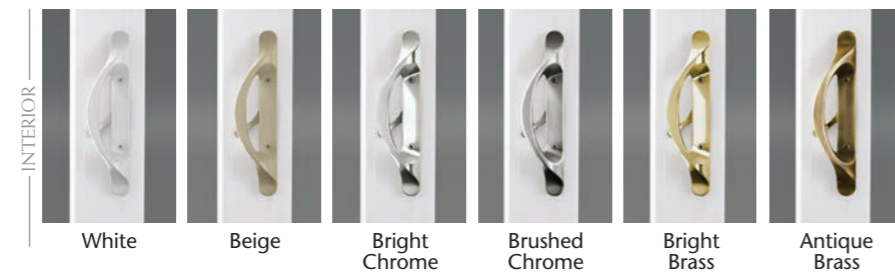
CLASSIC-STYLE PATIO DOOR



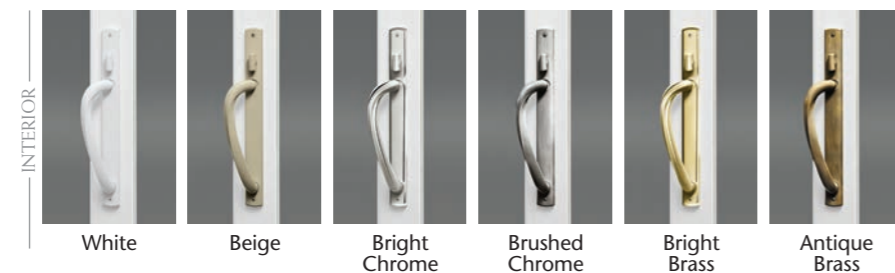
A naturally beautiful point of view.

**Opposite page upper left:** The Contemporary-style patio door features 3" symmetrical sash rails for a sleek, clean-line design. **Opposite page upper right:** The Classic-style door conveys traditional beauty with generous 5" sash rails. **Opposite page bottom:** The 5" top rail, 7" bottom rail and 3" side rails of our French-style door combines French door charm with floor space-saving functionality.

### CONTEMPORARY AND CLASSIC PATIO DOOR HANDLES



### FRENCH PATIO DOOR HANDLES



Contemporary, Classic and French-style exterior patio door handles are available in white, beige and black.



FRENCH-STYLE PATIO DOOR



# FrameWorks® Color Collection

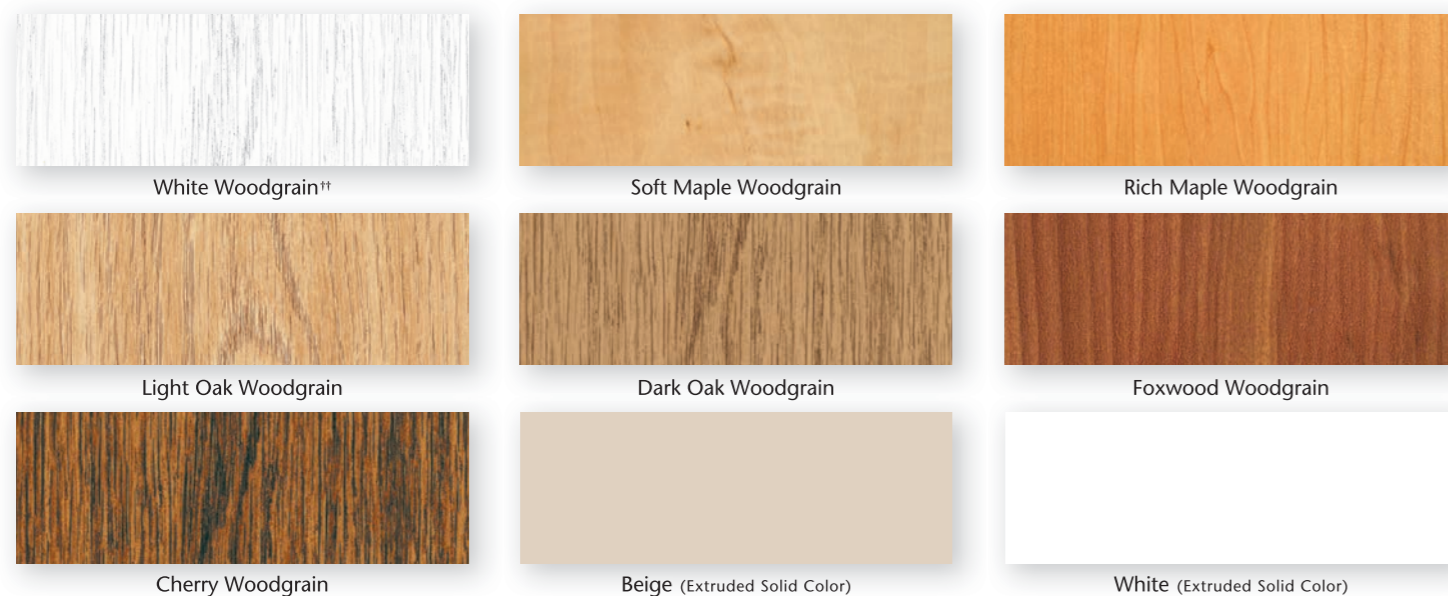
## EXCEPTIONAL STYLE FOR EVERY HOME.

Beauty and vision, performance and strength – it all comes together in Mezzo’s exciting collection of styles, colors and custom accents. Our FrameWorks exterior colors feature a cutting-edge polyurethane coating technology with heat-reflective pigments for a remarkably strong and fade-resistant finish. Interior woodgrain laminates are performance-engineered for superb durability that maintains its attractive appearance over the life of the product.

## EXTERIOR COLORS



## INTERIOR COLORS



\*\*White woodgrain is available with a beige base only; white woodgrain is not available for 6400 series patio doors. White and Beige windows will have matching interior hardware. Windows ordered with a Light Oak, Dark Oak, Soft Maple or Rich Maple interior will receive Pontiac Gold hardware. Windows ordered with a Cherry or Foxwood interior will receive Brown hardware.

# Design Options

## GRID OPTIONS

Decorative grids lend an added measure of style and dimension to your windows. All grids are enclosed within the insulated glass unit for easy cleaning. First, select a grid pattern from one of our four styles, and then choose a grid profile to achieve your ideal finished look.

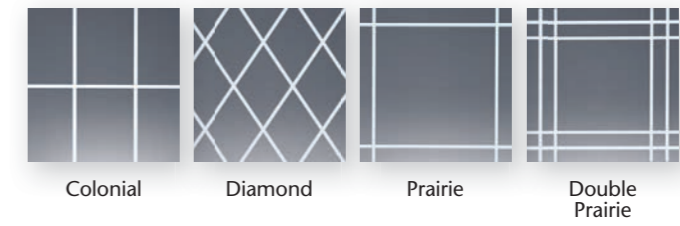
**Classic Grids** – available in Colonial, Diamond, Prairie and Double Prairie patterns.

**Contoured Grids** – available in Colonial, Prairie and Double Prairie patterns.

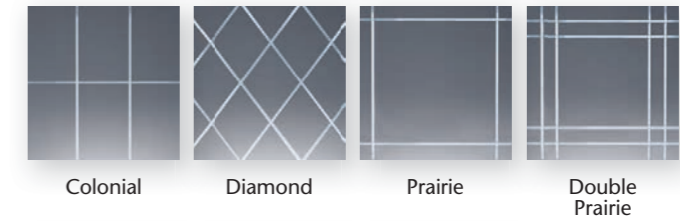
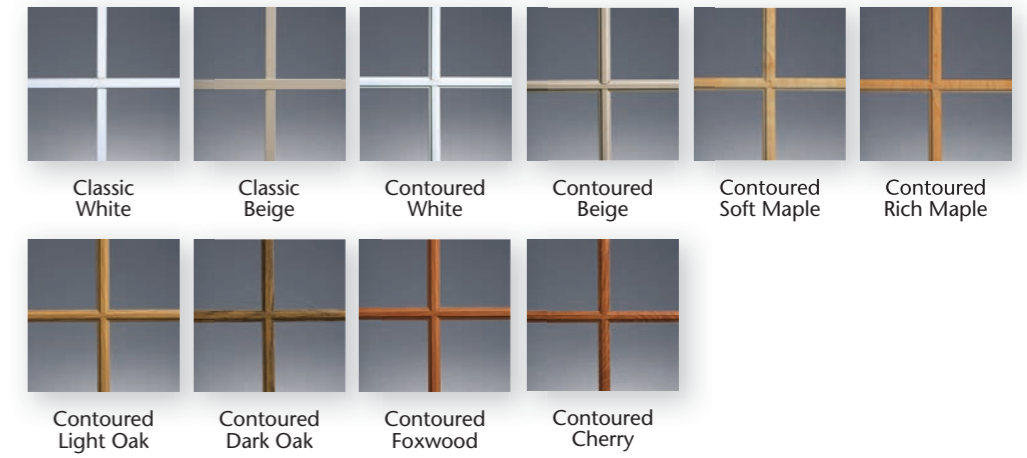
## V-GROOVED CUT GLASS

Mezzo Windows and Alside Patio Doors also feature a selection of V-grooved cut glass patterns – the perfect way to add a touch of elegance without obstructing the view.

## PATTERNS



## PROFILES



Choose a bold FrameWorks exterior color, such as English Red, to create striking beauty with custom appeal.



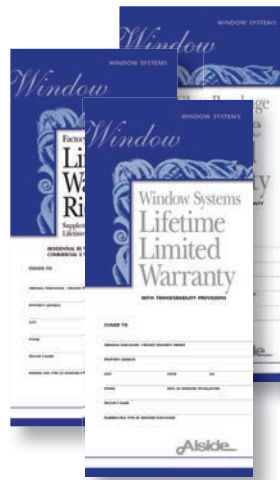
# Peace of Mind



Smarter choices for a  
**better world,**  
 today's homeowners are  
 happily choosing green.

## THE ALSIDE LIFETIME LIMITED WARRANTY.

Mezzo Windows are made by Alside, a recognized leader in product innovation, manufacturing excellence and uncompromising quality control. That's a reputation you can count on, from the day your windows are installed until the day you sell your home. And to make your buying decision easier, Alside backs all Mezzo Windows with a Lifetime Limited Warranty,\* one of the strongest in the industry, along with an optional glass breakage warranty. In addition, our FrameWorks Color Collection exterior finishes carry a 10-year fade-resistance warranty rider – further assurance of lasting performance and value.



## GREEN INSPIRATION.

Exceptionally energy-smart and weathertight, Alside Windows and Patio Doors not only help reduce fuel consumption needed to heat and cool homes, they also boast a long service life and achieve optimal material use and minimal waste in production. Virtually all in-plant vinyl scrap is recycled into other useful products, further reducing the environmental impact of waste. Vinyl windows also are eco-friendly because vinyl resin is derived largely from common salt – a sustainable and abundant natural resource!<sup>6</sup>



<sup>6</sup>Source: A Clear View – Vinyl Windows and the Environment. American Architectural Manufacturers Association (AAMA) and The Vinyl Institute (VI). March 2007



Alside PO Box 2010 Akron, Ohio 44309  
 1-800-922-6009 [www.alside.com](http://www.alside.com)



©2013 Alside. Alside, ClimaTech and FrameWorks are registered trademarks and Mezzo is a trademark of AMI. Intercept is a registered trademark of PPG Industries. Avonite Surfaces is a trademark brand of Aristech Acrylics LLC. USGBC and related logo is a trademark owned by the U.S. Green Building Council and is used by permission. \*Insulated glass (IG) units that require capillary tubes may experience some argon gas depletion. \*\*It is imperative that your new bay or bow window is sealed and finished properly within the first 30 days after installation. Failure to properly finish and seal all of the wood components may cause the wood to fade, swell, warp, or develop other defects that would not be covered under your normal product warranty. <sup>†</sup>A written copy of the warranty is available by writing to: Warranty Department, PO Box 2010 Akron, Ohio 44309. Colors are reproduced by lithographic process and may vary slightly from colors of actual product. All specifications and designs subject to change without notice. Printed in USA. 11/13 30M/OP 75-2934-01

