

# Mezzo®

AESTHETICS AND TECHNOLOGY...REDEFINED

TRIPLE-PANE INSULATING GLASS FOR MAXIMUM ENERGY EFFICIENCY



Alside®

# Custom Crafted Mezzo® Windows with Triple-Pane Glass Technology

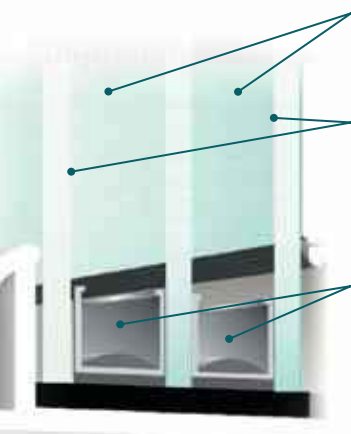


Windows are roughly 80% glass, so it's important to choose an energy-efficient glass system to seal off energy loss. Mezzo Windows with triple-pane insulating glass are precision-engineered for maximum energy savings, keeping your home warmer in the winter and cooler in the summer with less energy usage.

## REDUCE ENERGY LOSS AND INCREASE COMFORT.

Further optimize the energy efficiency of your Mezzo Windows with triple-pane glass protection. This high-performance design features a 1" thick glass unit,\* three panes of single-strength glass, two surfaces of Low-E (low-emissivity) technology, and two spaces of argon gas, along with the ClimaTech® ThermD Intercept® Stainless Steel Spacer for a powerful energy-saving shield. You'll also appreciate the improved overall comfort and quieter indoor ambiance of your home.

## TAKE A CLOSER LOOK AT MEZZO'S TRIPLE-PANE, ULTRA-EFFICIENT GLASS SYSTEM:



Argon is an insulating gas between the glass panes that acts as a thermal barrier on energy loss, counteracting heat and cold conduction. Argon gas also helps reduce noise infiltration for a quieter indoor ambiance.

Low-E Glass features a virtually clear, metallic layer fused to the surface that acts like a thermal mirror. It reduces unwanted solar heat in the summer and helps prevent heat loss in the winter by reflecting radiant heat back into your home. Low-E also reduces damaging UV rays that can cause carpets and furnishings to fade.

ClimaTech ThermD Intercept Stainless Steel Spacer features a unique, one-piece, stainless steel alloy U-shaped design that stabilizes the panes of glass and creates an effective thermal barrier to reduce heat loss through the window. Stainless steel is impervious to gas transmission, thus increasing gas retention for enhanced insulating performance. The extra-strong stainless steel construction also withstands the effects of temperature changes with flex and low stress on the sealant bond to help prevent seal failure.

## THE POWER OF GLASS.

The glass system in your windows can make a substantial difference. For example, Mezzo Windows with triple-pane ClimaTech ThermD TG2 glass technology are 52% more energy-efficient than clear double-pane windows. In the chart below, U-Factor represents the rate of heat flow through the window – the lower the U-Factor, the less energy is needed to heat a home. SHGC (Solar Heat Gain Coefficient) represents solar heat penetrating through the window – the lower the number, the more you'll conserve on air-conditioning.

Thermal Performance Comparison<sup>1</sup>  
Model 3001 Double-Hung Window

	Composite Reinforcement	
	U-Factor	SHGC
Clear Glass <sup>2</sup>	0.46	0.59
ClimaTech ThermD TG2	0.22	0.26
ClimaTech ThermD TG2 Elite	0.22	0.19

<sup>1</sup> Whole window values, single-strength glass.  
<sup>2</sup> Whole window values, double-strength glass.

### GLASS PACKAGE TERMINOLOGY

Clear: Double-paned clear glass unit.  
ClimaTech ThermD TG2: Triple-paned unit with two surfaces of Low-E glass and two air spaces of argon gas and Intercept Stainless Steel Spacer.  
ClimaTech ThermD TG2 Elite: Triple-paned unit with one surface of Low-E glass, one surface of Low-E SHGC glass, argon gas and Intercept Stainless Steel Spacer.







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>3</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>4</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>5</sup>

<sup>3</sup> Double-hung base model will automatically be upgraded to ST (steel reinforcement) for all units ordered in excess of 48" wide or 84" high.

<sup>4</sup> For larger size windows or to meet specific DP/PG ratings, optional weeps/performance package must be ordered.

<sup>5</sup> Available only with the full screen option.

# Design Options

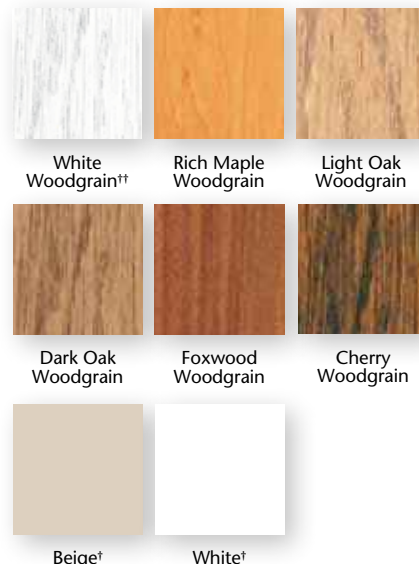
## COLOR OPTIONS

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



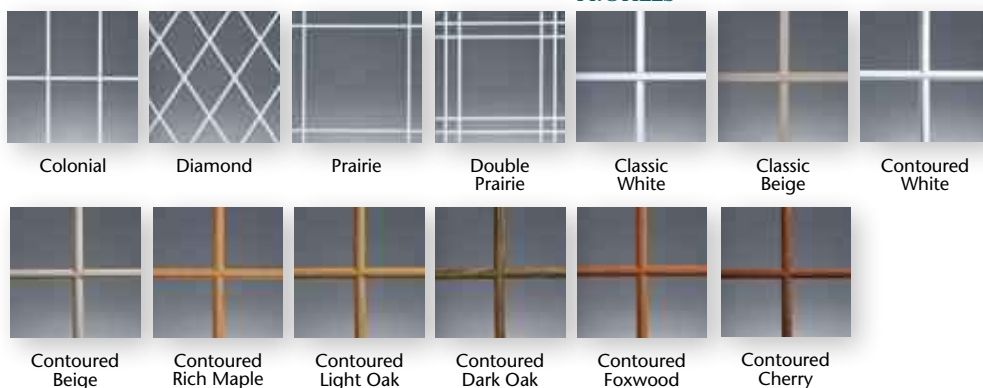
### INTERIOR COLORS



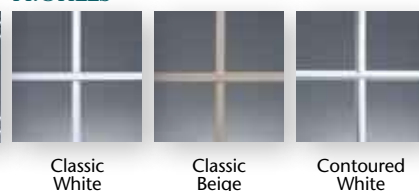
## GRID OPTIONS

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.

### PATTERNS

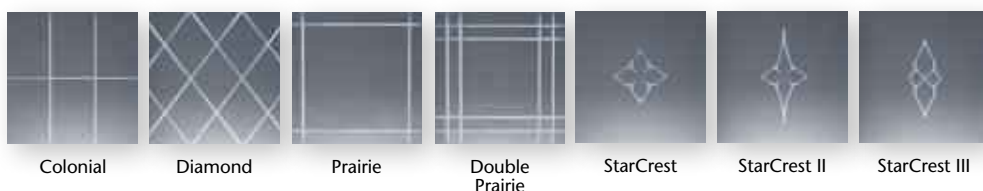


### PROFILES



## V-GROOVED CUT GLASS

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



## THE ALSIDE LIFETIME LIMITED WARRANTY

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.



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