

**Fusion**<sup>®</sup>  
QUALITY VINYL WINDOWS



**Alside**<sup>®</sup>

# Fusion® Quality Vinyl Windows

## BEAUTIFULLY PROTECTIVE AND ENERGY SMART

Fusion Windows are expertly crafted to provide year-round comfort, energy efficiency and lasting value.<sup>1</sup> Featuring fusion-welded sashes and mainframe, multichambered extrusions, composite-reinforced interlocking meeting rails and an insulating glass unit, Fusion Windows will deliver years of smooth operation and thermal protection for your home.



**Above Top:** Fusion Double-Hung Windows feature a constant force balance system to ensure smooth operation; both sashes tilt in for convenient cleaning from inside your home. **Above:** Fusion Sliding Windows glide horizontally on a nylon-encased dual brass roller system, and the sashes lift out for easy cleaning.<sup>2</sup>

## ENDURING STYLE, EASY UPKEEP

You'll appreciate the quality craftsmanship and carefree maintenance of Fusion Windows. The premium vinyl mainframe and sashes won't rot, split, corrode or pit like painted wood windows and won't swell or warp from exposure to moisture. Your windows will maintain their attractive appearance inside and out, year after year.

### DOUBLE-HUNG WINDOWS

Our double-hung windows combine classic good looks with superior functionality. Both sashes tilt-in to offer convenient cleaning from inside your home.

- Fusion-welded mainframe and sashes for added strength.
- Interlock at sash meeting rails creates a tight seal against air infiltration.
- Sloped sill forces water to drain to the exterior of the window.
- Constant force balance system ensures smooth sash operation.

### SLIDING WINDOWS

The generous glass area of sliding windows offers an infusion of natural light and an unobstructed outdoor view. Sleek sashes glide horizontally and lift out for easy cleaning.

- Fusion-welded mainframe and sashes for added strength.
- Multiwall extrusions enhance structural integrity, strength and thermal efficiency.
- Interlock at sash meeting rails creates a tight seal against air infiltration.
- Nylon-encased dual brass rollers ensure smooth sash operation.



Beautifully  
built for the way you live.

### QUALITY CRAFTED FOR SUPERIOR PERFORMANCE

1. Vinyl mainframe and sashes won't chip, peel, crack or warp; the premium vinyl color is formulated throughout so the beautiful luster lasts.
2. Multichambered sash and mainframe create insulating air spaces for increased thermal efficiency.
3. Insulated glass unit<sup>3</sup> with the Intercept® Warm-Edge Spacer System helps achieve year-round energy conservation.
4. Interlock at sash meeting rails provides increased strength, insulation and comfort.
5. Protective bulb seal helps prevent air infiltration at the meeting rails.
6. Drop-in glazing for extra protection from the elements.
7. Fully extruded lift rails provide strength and stability for easy operation.
8. Sloped sill promotes water drainage to the exterior of the window.
9. Hidden screen track for clean lines and added beauty.
10. Bulb seal at the sill creates extra protection from dust, dirt and air infiltration.



### INSULATING CLIMATECH® GLASS PACKAGES

Reducing energy loss is often the number one reason for purchasing replacement windows. When you consider that windows are roughly 80% glass, you'll see why upgrading your windows with an insulated glass system can significantly improve the overall energy efficiency.

Our optional ClimaTech glass packages combine insulating Low-E (low-emissivity) glass, argon gas and the Intercept Warm-Edge Spacer System that features a unique, one-piece metal alloy, U-channel design for greater insulating performance. The patented U-shaped "warm edge" technology reduces the transfer of heat at the edge of the glass for increased energy efficiency.



**Winter Energy Savings:** Low-E insulating glass helps reduce heat loss by reflecting warmth back into your home.



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

### PLUS THESE ADDITIONAL FEATURES:

- Dual vent stops provide a limited and convenient opening of the window for ventilation.
- Constant force balance system eliminates sash cords, weights and pulleys and provides easy raising and lowering of the sashes (double-hung window).
- Protective double-barrier fin seal weatherstripping at sash sides helps block dirt, noise and air infiltration.
- Beveled exterior profile gives windows a clean, elegant look.



Aside offers a variety of ENERGY STAR®-certified products. Consult your window professional for energy-efficient glass packages available for your home and climate zone.

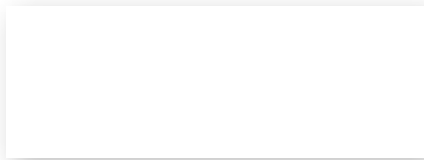
# Decorative Options and Warranty



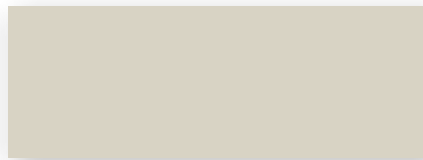
Warm and welcoming, the  
**beautiful**  
comfort of home.

## CLASSIC COLORS

Fusion Windows are available in White and Beige to complement a variety of home exteriors and interior décors.



White



Beige

## INTERIOR GRIDS

Adding a decorative contoured grid will lend a measure of style and dimension to your windows. The grids are enclosed within the insulated glass unit for easy cleaning. Choose from three attractive grid patterns to design the ideal window for your home.

### PATTERNS



Colonial

Prairie

Double Perimeter

### PROFILES

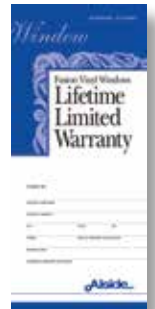


Contoured White

Contoured Beige

## WARRANTY COVERAGE

Fusion Windows are made by Alside, a recognized leader in product innovation, manufacturing excellence, and uncompromising quality control. That's a reputation you can depend on, from the day your windows are installed until the day you sell your home.



Fusion Windows carry a lifetime limited warranty.<sup>4</sup> Please see the printed warranty for complete details.



## PRODUCTS FOR EVERY ARCHITECTURAL NEED

For a variety of looks from traditional to contemporary, no matter what the application is, Alside has you covered. Ask about our collection of beautiful, energy-efficient sliding patio doors and virtually maintenance-free composite and vinyl siding.



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