

## State-of-the-Art Performance

Centurion Windows from Alside will provide both functionality and beauty for your home. With their added energy-efficient design, Centurion Windows are the right choice.



1. **Vinyl frames and sashes will never chip, peel, crack or warp.** Made with premium raw materials, the vinyl color is formulated throughout so the beautiful luster lasts.
2. **Multi-chambered sash and mainframe** create insulating air spaces for thermal efficiency.
3. **Insulated glass unit** featuring double-strength glass with optimal air space improves year-round performance.
4. **PPG Intercept® Warm-Edge Spacer System** maximizes thermal efficiency and the life of the insulated glass unit.
5. **Metal reinforcement** for added strength at the meeting rail.
6. **Interlock at sash meeting rail** adds to your sense of security, comfort and well-being.
7. **Hardshell dual durometer sash glazing** eliminates unsightly glazing rubber, while acting as a shock absorber and sealing out air and water.
8. **Fully extruded, double wall lift rail** for added strength and durability.
9. **Sloped sill** forces water to drain to the exterior of the window.
10. **Protective bulb seal and wind flap** provide a secondary barrier to keep out dust, noise and moisture.

### Plus these additional features:

- Beveled edge on top sash guides sash into place for a tight seal.
- Telescoping butt-joint reinforced corners make the window more energy-efficient, eliminating drafty gaps at sash and frame corners.
- Constant force balance system eliminates sash cords, weights and pulleys. You'll benefit from smooth, comfortable fingertip operation.
- Tilt-in top and bottom sashes make cleaning safe and easy from inside the home.
- Double barrier-fin weatherstripping at sash sides helps block dirt, noise, and air infiltration.
- Full balance covers help protect against air infiltration while adding a finished look to the window frame.

### Go Green

Exceptionally energy-smart and weathertight, Alside Windows not only 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. And because vinyl never needs to be painted, it helps eliminate paint, stain and other maintenance-related products from entering the waste stream or releasing volatile organic compounds (VOCs) into the atmosphere. Vinyl windows also are eco-friendly because vinyl resin is derived largely from common salt – a sustainable and abundant natural resource!

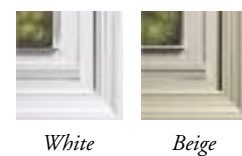


\*Source: A Clear View – Vinyl Windows and the Environment. American Architectural Manufacturers Association (AAMA) & The Vinyl Institute (VI). March 2007

## Decorative Options

### Colors

Centurion Windows are available in white or beige.



White

Beige

### Grid Options

Designer grids lend an added measure of style and dimension to your windows. All grids are enclosed within the insulated glass unit for easy cleaning.

Choose from our selection of beautiful grid profiles and patterns to design the ideal window for your home:

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

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

**Gold Tone Brass Grids** – available in Prairie and Double Prairie patterns

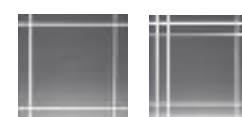
**Narrow Brass Grids** – available in a Colonial pattern

### Grid Patterns:



Colonial

Diamond



Prairie

Double Prairie

### Grid Profiles:



Classic White

Classic Beige

Contoured White



Contoured Beige

Gold Tone Brass

Narrow Brass



Colonial

Diamond

Double Prairie



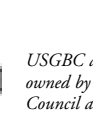
StarCrest

StarCrest II

StarCrest III

### V-Grooved Cut Glass

Add a cut or polished V-grooved glass pattern to your window for the perfect touch of elegance.



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**Alside**

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Please recycle

## Proven Quality

Read what the experts are saying about the reliability of Centurion Windows.

- Centurion Windows easily passed the rigorous air infiltration resistance testing procedure of the American Society for Testing and Materials (ASTM). ASTM E 283.
- Centurion Windows resisted water infiltration during a test in which the equivalent of eight inches of rain an hour is blown onto the window at a simulated wind speed of approximately 60 mph. ASTM E 547.
- Centurion Windows maintained their structural strength and integrity in tests simulating winds of over 155 mph. (This is the same wind speed reserved for Category 5 hurricanes by the National Hurricane Center). ASTM E 330.

These tests were witnessed by independent testing laboratories utilizing the nationally recognized and accepted American Architectural Manufacturers Association (AAMA) test standards and criteria.

### The Alside Lifetime Limited Warranty

Centurion 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 Centurion Windows with its Lifetime Limited Warranty!† . . . one of the strongest in the industry.



# Centurion®

Quality Vinyl Windows



Beauty. Comfort. Performance.

**Alside**



*Centurion Vinyl Windows are the perfect combination of style and comfort. From traditional double-hung to contemporary sliding windows, they enhance the beauty of your home, bring the outside view indoors and maintain the comfort of your family and friends. Crisp, clean lines, decorative grids and exquisite architectural detailing mean you'll enjoy the look of these windows for years to come.*

### Double-Hung Windows

*The streamlined design of this versatile style offers beauty and exceptional energy efficiency.*



- Multi-chambered sash and mainframe creates insulating air spaces for thermal efficiency.
- Interlock at sash meeting rail adds to your sense of security, comfort and well-being.
- Sloped sill forces water to drain to the exterior of the window.
- Beveled edge on top sash guides sash into place for a tight seal.
- Fully extruded, double wall lift rail for added strength and durability.
- Protective bulb seal and wind flap provide a secondary barrier to keep out dust, noise and moisture.

### Awning Windows

*In a stacked design or paired with fixed-lites, this window style makes a bold statement in any home.*



- 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.
- Metal reinforcement helps to secure the operating hinge system.
- Dual-point locking system ensures a tight fit and added security.
- Multiple lite configurations available in a single mainframe.

### Sliding Windows

*Convenient, fingertip operation makes this a classic choice for nearly any room in your home.*



- Telescoping butt-joint reinforced corners eliminate drafty gaps at sash and frame corners.
- Multi-chambered sash and mainframe create insulating air spaces for thermal efficiency.
- Metal reinforcement for added strength at the meeting rail.
- Double barrier-fin weatherstripping at sash sides helps block dirt, noise and air infiltration.
- Nylon-encased dual brass roller system.
- Theft deterrent blocks.

### Bay and Bow Windows

*Nearly a room addition in itself, this window style adds a new dimension to any home.*



- 1-1/4" furniture grade veneer is standard in the construction of head, seatboard and jams.
- Head and seatboard is available in oak or birch veneer finishes and are ready for painting or staining.\*
- Slimline reinforced mullion design provides superior strength and support for the selected components.
- Bay and bow windows are available in white or beige.
- Exterior roof system available with optional copper or painted aluminum roof clad kits.

### Swing & Clean Windows

*An elegant and aesthetically pleasing design with incredible versatility for easy maintenance.*



- Multi-chambered vinyl frame provides insulation and adds energy efficiency.
- DuraBrake™ pivot/glide shoe enhances the smooth sash operation.
- EasyGrip swing latch locks the sash in place at the top and bottom.
- Drop-in glazing provides energy efficiency as well as interior aesthetic appeal.
- Available in 2-lite and 3-lite configurations.
- 3-lite models available in equal-lite or 1/4-1/2-1/4 configurations.

Note: Swing & Clean is an option and does not come standard on sliding windows.

### Garden Windows

*A decorative but functional accent with the tendency to increase sunlight and brighten your room.*



- Fully welded mainframe for strength and stability.
- Top sloped insulating glass panel is tempered for improved safety and unit integrity.
- Equal sightlines between picture units and operating sashes.
- Twin sealing, fully screened, operating casements improves weather protection.
- Multi-point locking system for a tighter seal and added security.
- Clear 1" insulated glass unit provides all-weather protection.

### Casement Windows

*Contemporary craftsmanship combines with a sturdy operating system for increased ventilation.*



- 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 provides a tight seal during inclement weather.
- Positive crank mechanism permits easy operation when opening and closing the sash.
- State-of-the-art hinge system provides multi-directional ventilation and allows sash cleaning from inside the home.
- Multi-point locking system ensures a tight fit and added security.

### Sliding Patio Doors

*Offering a pleasing view of the outdoors with smooth, carefree operation in a durable design.*



- Vertical sash components are metal reinforced for added structural strength.
- Extra-deep weatherstripped integral interlocks at meeting stiles for added protection against air infiltration.
- Structural composite roller system ensures quiet and easy operation.
- Heavy-duty fiberglass screen with aluminum frame features an adjustable independent wheel system in all four corners.
- Available in 2-, 3-, and 4-lite configurations.

### Performance Options

*Make your home an energy miser. It's easy!*

For maximum energy savings, upgrade your Centurion Window with a ClimaTech insulating glass package, featuring Low-E glass, argon gas and the PPG Intercept Warm-Edge Spacer System. The superior thermal performance of this insulating glass unit can help lower your energy costs while further reducing the consumption of fossil fuels.

One of the most critical NFRC tests measures the rate of heat loss through a window or door (U-Factor). The lower the U-Factor, the better the product is at resisting heat flow, which results in a product with a greater insulating value.

<i>Centurion Double-Hung Glass Performance Comparison**</i>		
	U-Factor	SHGC
Clear Glass	0.49	0.57
ClimaTech	0.33	0.29

\*\*Whole window values.

Another critical NFRC test is for Solar Heat Gain Coefficient (SHGC). This procedure measures how well a product blocks heat caused by sunlight. Again, the lower the number, the less solar heat the window transmits into the home.



*Low-E glass filters long-wave radiation from the sun. This reduces solar heat gain from the summer sun, helping to keep your home cooler.*

*What makes the ClimaTech insulated glass package so effective?*

Since 80% of a window is glass, substantial heating and cooling savings come from improved glass performance.

- Our combination of UV-filtering Low-E glass, argon gas and the Intercept Warm-Edge Spacer System dramatically enhances energy efficiency. Together they can cut the damaging effects of the sun, which can lead to the fading of carpets, curtains and furniture by 75%.
- In winter, a warmer glass temperature is maintained, increasing the R-Value by up to 61%.
- In summer, up to a 49% reduction in solar heat gain helps reduce air-conditioning costs.



*Aside offers a variety of ENERGY STAR qualified products. Consult your window professional for the optimal glass package required for your home and climate zone.*



*Low-E glass takes on a new duty in winter months. It lets warm solar rays into your home, while preventing indoor heat from escaping.*