
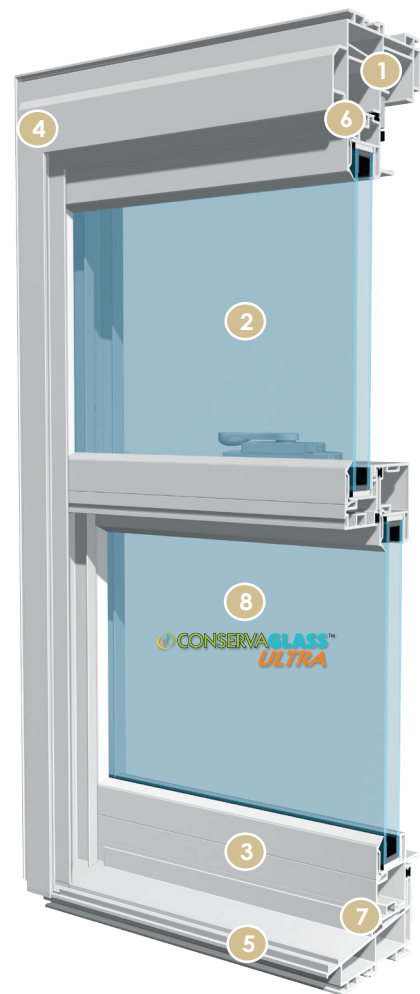


Seven exterior colors



Standard Features with

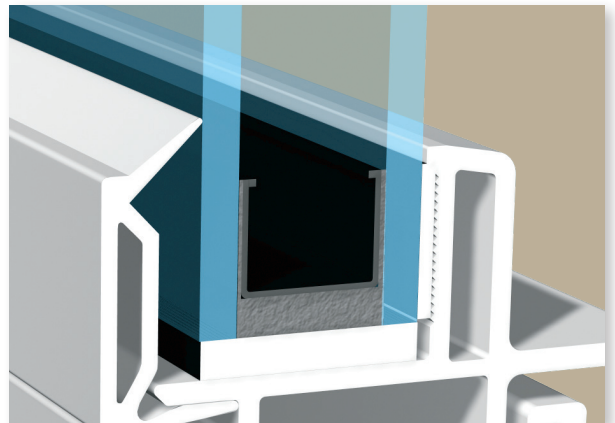
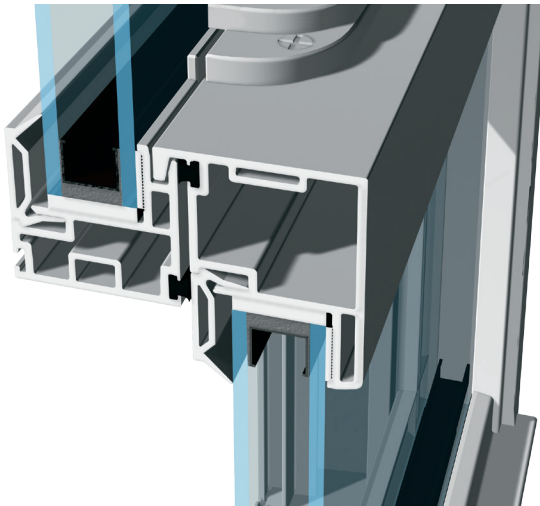
- 1 Frame profiles feature internal divided chambers for added rigidity and enhanced thermal performance.
- 2 Double-strength insulating glass unit is $\frac{3}{4}$ " – the optimum size for dependable energy efficiency.
- 3 Glass edges are positioned $\frac{1}{2}$ " into the sash to help maintain even temperatures.
- 4 Frames and sash are welded at mitered corners – the strongest type of construction on the market.
- 5 The sloped sill design prevents water from pooling during heavy rains.
- 6 Multiple weatherseals at various points around each sash reduce drafts.
- 7 Sash feature a closed-cell foam barrier seals at the sill to block water penetration.
- 8 Standard  – Dual-pane, Low E / Argon with Intercept® Spacer for optimum performance.



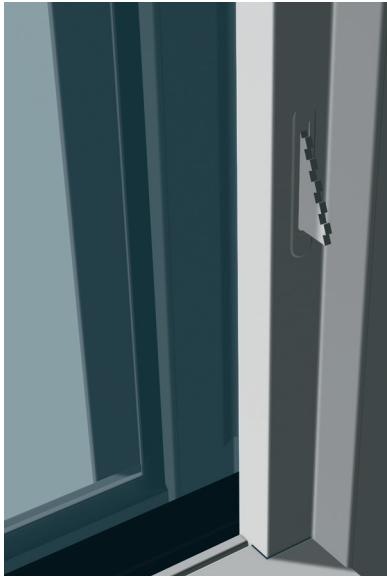
Windows with operable sash move smoothly and easily because of a $\frac{3}{4}$ " constant force coil spring balance system.



Where operable sash meet, the interlocking design keeps sash together tightly around weatherstripping to guard against drafts and increase weather resistance.



The Intercept® spacer inside the insulating unit features a unique, u-channel design that is more efficient than box spacers.

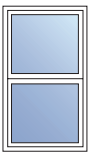


Double Hung windows feature two vent latches for partial ventilation.

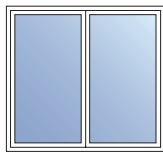
On the popular Double Hung window style, low-profile latches release the sash to tilt in – allowing interior and exterior cleaning to be done from the inside.



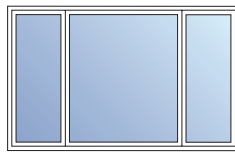
Window Styles



Double Hung



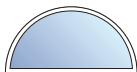
Slider



End Venting Slider



Picture



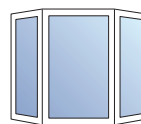
Geometric



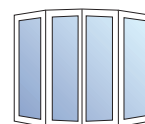
Awning



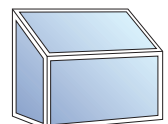
Casement



Bay



Bow



Garden Window

Bay and Bow Windows:

Standard Features

Size Customization

Bay windows can be ordered in 30- or 45-degree angles. Bow windows can be three, four, or five windows mulled together at 10-degree angles.

Premium Grade Hardwood Plywood Construction

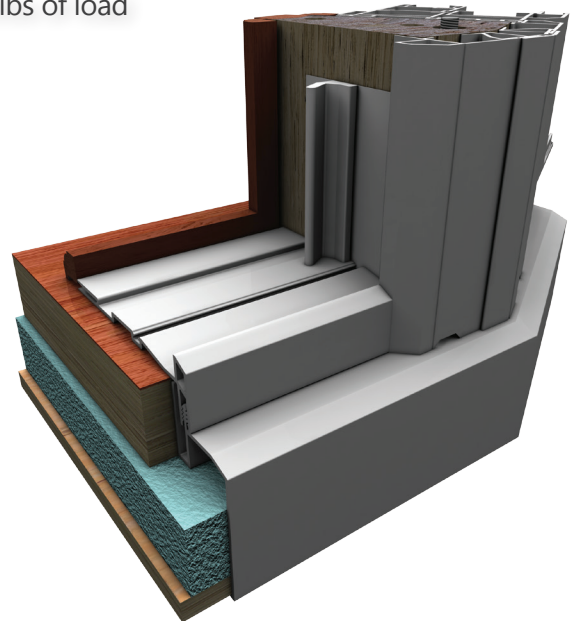
Head, seat and jambs feature furniture-grade 1-1/4" hardwood veneer plywood in either Red Oak (for staining) or Birch (for painting).

Real Wood Interior Trim

The wood moldings adds warmth and craftsmanship.

Premium Hanger Kit

Every Avalon Bay and Bow window features a industry-leading cable hanger system. Each hanger kit is ATI tested to hold 3000lbs of load with zero slipping of the cable or sag of the window.

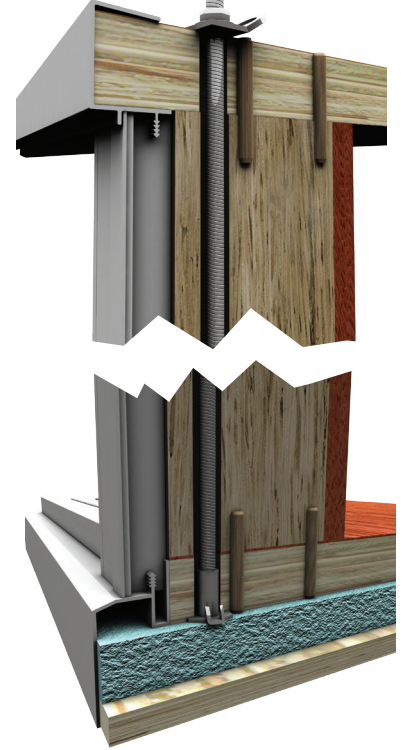


Offset Insulated Sill Design

A 1-1/2" insulated panel is attached to the hardwood plywood seat board to create a 2-3/4" sill with a high R insulating value. In addition, the offset sill design creates an overhang that deflects water away from the unit.

Solid LSL Mullions and Continuous All-Thread Rods

Ordinarily, projection windows are constructed using hollow vinyl mullions and an all-thread, or a solid wood mullion connected by lag bolts, screws or clips. Avalon Bay and Bow windows are manufactured with both solid wood mullions and a continuous all-thread rod running through the mullion. This continuous all-thread construction is a strong and stable connection that prevents warping or sagging of the window frame over time. In addition, it also minimizes condensation problems commonly associated with vinyl mullions. LSL® mullions are stronger than standard wood and will not warp or twist, adding unprecedented structural stability.



Interior Paint Colors



Interior Finishes - Stains



Laminated Interior Colors

Entire Interior or Seat Board Only



Seat Board Only



1-1/2" Solid-Surface Seat Boards



Recessed Lighting

Recessed lights are available for both plug-in or hard-wired applications. Plug-in applications feature a 10' cord with switch. Available with LED bulbs.



Sliding Doors



Key Features

Fusion-welded Sash Panels: Keep out air and water.

Galvanized Reinforced Steel Sash Profiles: Adds strength and rigidity.

Chambered Rails: Reduces thermal exchange and increases insulation values without adding costly, less recyclable insulating material.

Sound Control: Multiple lines of weatherstripping help block most outside noise.

Fixed & Mobile Panel Rails: Meet and interlock perfectly, making removal from the outside almost impossible.

Lower Sill Design: Provides safer entry and exit.

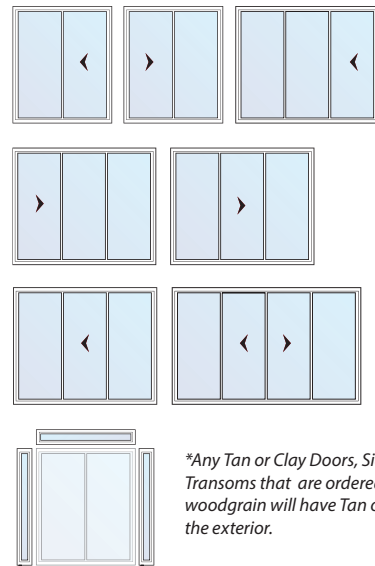
Multi-point Steel Locking Mechanism: Galvanized steel reinforcement provides optimum resistance to forced entry.

Smooth / Quiet Operation: Patented dual-tandem nylon wheels on a raised rail protects the wheels from dirt and debris, minimizes friction and makes for a smoother operation.

Heavy Duty Aluminum Screen Frame:
Reduces binding, creating effortless operation.

Configurations

Available in 2-, 3- or 4-panels in standard and custom sizes. Sidelites and transoms also available.



**Any Tan or Clay Doors, Sidelites, and Transoms that are ordered with any woodgrain will have Tan or Clay on the exterior.*

Sliding Door Handles

Standard handle finishes are White, Tan and Clay. All other finishes are optional.



White



Tan



Clay



Satin Nickel



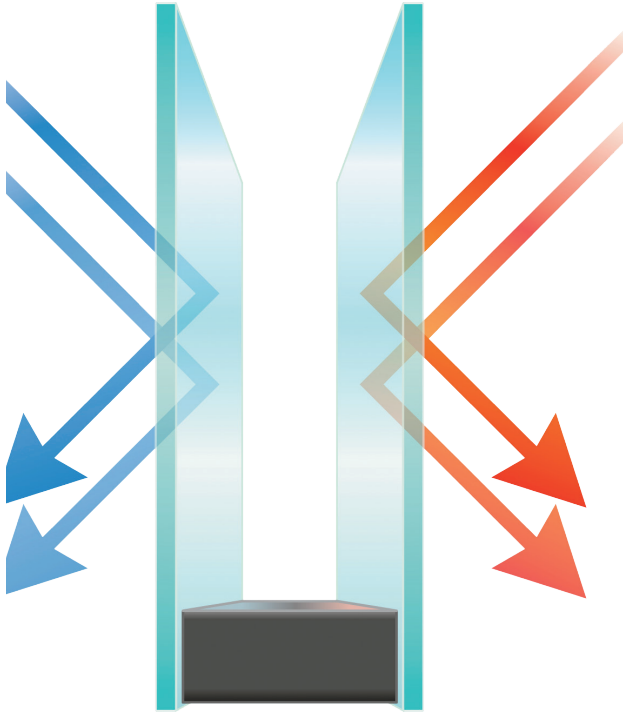
Brass



Bronze



Antique Brass



Low E Glass

Avalon Sliding Doors feature standard Low E glass and an Argon gas-filled insulating glass unit. Low E glass helps maintain even temperatures inside the home in all climate conditions.

Footbolt

For added security, Avalon Sliding Doors can be ordered with a heavy-duty footbolt that prevents the door from opening more than three inches while still allowing for partial ventilation.





*The Ultimate High Performance Glass Package
for the Ultimate High Performance Window*

Triple-paned I.G. Unit

Insulating I.G. unit features three panes of glass with an airtight seal.

Insulating Gas Fill

Air spaces between the glass panes is replaced with non-toxic gas that is heavier and more dense than air – thereby lowering convection rates and increasing energy efficiency.

Dual Low E Coatings

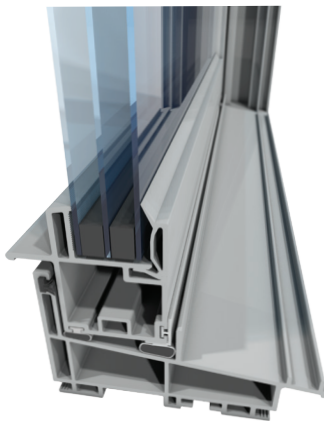
Doubling the protection, a low emissivity coating is applied to two glass surfaces.

Optimum Air Space

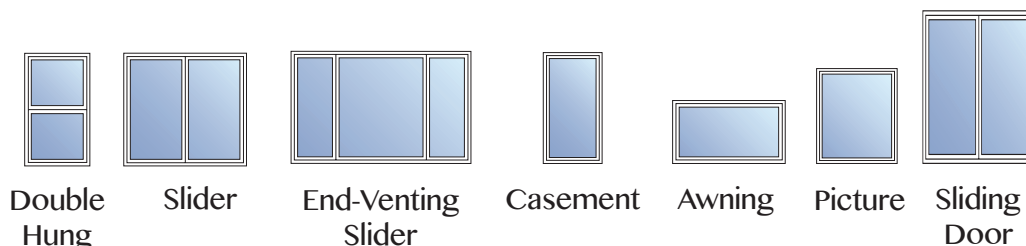
The air space inside the insulating glass unit is the optimum size for maximum efficiency.

Warm Edge Dual Super Spacer® Lines

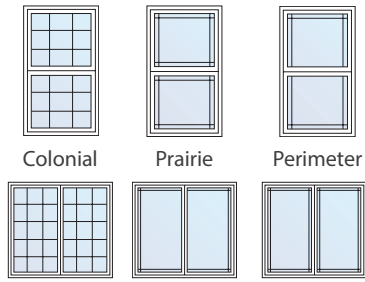
Unique, non-metal, pre-dessicated structural foam spacer system minimizes conduction and convection rates to help maintain more even indoor temperatures.



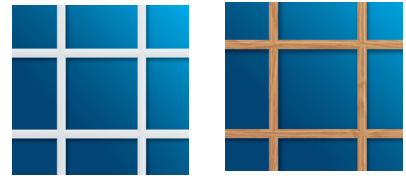
Availability



Grid Patterns



Contoured Grids



Decorative & Privacy Glass *Windows & Sliding Doors*



Window Cam Locks



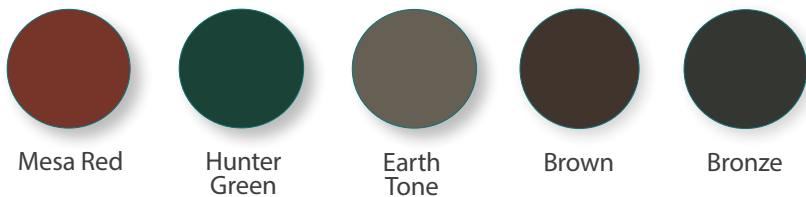
Standard Interior & Exterior Colors *Windows & Sliding Doors*



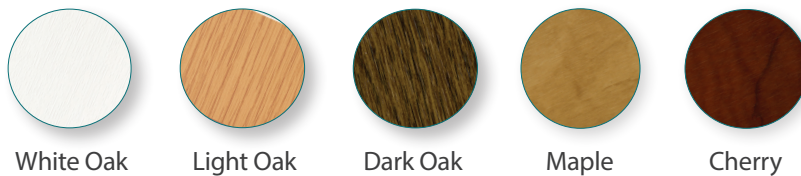
Patio Door Handles



Optional Exterior Colors *Windows & Sliding Doors*



Interior Woodgrains *Windows & Sliding Doors*



Standard Color (White, Tan or Clay) is matched to your door. Optional plated handles available in Satin Nickel, Brass, Bronze and Antique Brass.

Traditional Divided Lite Grids

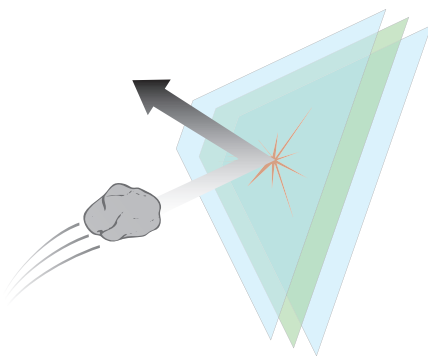
Simulated Divided Lite (SDL)

Exterior View



Laminated Glass

Available for Avalon Windows and Sliding Doors



Between-the-Glass Mini Blinds*

Sliding Doors Only

Internal, hermetically-sealed mini blinds add privacy and security, as well as help you control light and solar heat gain. In addition, they also allow you to enjoy an unobstructed view of the streamlined door frame and interior casing and trim. Because they are located inside the sealed glass unit, the blinds will never need dusting and will not become damaged over time. The blinds raise, lower and tilt. Blinds are available in white only.

