

## EXTRUDED COLOURS\*

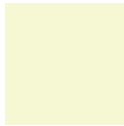
Regency windows are available in White and Beige fully extruded colours, with the colour formulated throughout the window sash and masterframe, not just painted or laminated on.

White

Beige

## STANDARD PAINT AND CUSTOM PAINT COLOURS\*

Regency windows are available in seven standard painted colours: Maize, Wicker, Pebble, Sandalwood, Storm, Commercial Brown and Chestnut Brown. Optional Dark Oak woodgrain colour is available on the interior of your windows for added appeal. You are not limited to Gentek's standard paint colours only; you can have your windows painted to match any of Gentek's exterior trim colours.



Maize



Wicker



Sandalwood



Pebble



Storm



Commercial Brown



Chestnut Brown



Dark Oak Lamine  
(Interior Only)

## INTERIOR GRIDS

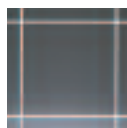
Classic grids are available in complementary White or Beige with Colonial, Diamond, Perimeter and Double Perimeter patterns. Contoured Euro grids, featuring a modeled "cut-wood" look, are available in complementary colours and in a matching woodgrain. Regency also offers pencil grids in Brass, Pewter and White. All are enclosed within the insulated glass unit—making glass cleaning a breeze.



Flat  
Colonial



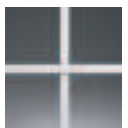
Flat  
Diamond



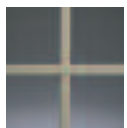
Flat  
Perimeter



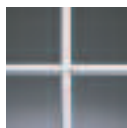
Flat  
Double Perimeter



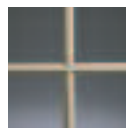
Flat  
Colonial White



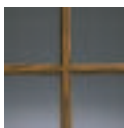
Flat  
Colonial Beige



Euro Grid  
White



Euro Grid  
Beige



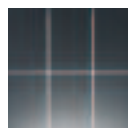
Euro Grid  
Dark Oak



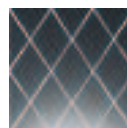
**Simulated Divided Lite**  
Available in White and Beige to  
match our window extrusions.

## CUT GLASS

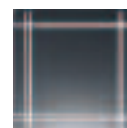
Regency windows are also available in a variety of cut and polished glass patterns. These glass styles are an ideal way to add subtle elegance to any home without obstructing the view.



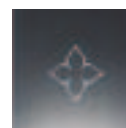
Colonial



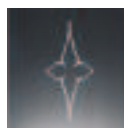
Diamond



Double Perimeter



StarCrest



StarCrest II



StarCrest III



**GENTEK®**  
GENTEK BUILDING PRODUCTS

1001 Corporate Drive • Burlington, ON L7L 5V5  
www.gentek.ca

*Make us a part of your home.*

\*Colours are reproduced by lithographic process and may vary slightly from colours of actual product. All specifications and designs subject to change without notice. Due to product changes, improvements and other factors, Gentek reserves the right to change or delete information contained herein without prior notice. WARNING: Screen will not stop child from falling out of window; keep child away from open window.

The only purpose of the screen is to minimize infiltration of insects. Spacer performance results courtesy of Edgetech I.G. Inc. Super Spacer is registered trademark of Edgetech I.G. Inc. DuraSeal is a trademark and Swiggle is a registered trademark of TruSeal Technologies, Inc. XL Edge is a trademark of Cardinal Glass Industries. Intercept is a registered trademark of PPG Industries Inc. ENERGY STAR logo reproduced with permission of the Minister of Natural Resources Canada, 2004.



*Regency*<sup>®</sup>

HIGH-PERFORMANCE WINDOWS



AN INVESTMENT IN YOUR HOME...FOR THE LIFE OF YOUR HOME.



**GENTEK**<sup>®</sup>



# Regency®

## HIGH-PERFORMANCE WINDOWS



*Regency* windows encompass all of the hallmarks of exceptional window design – unsurpassed quality, functional beauty, and maintenance freedom – in custom styles to masterfully complement your home's architecture. Regency windows also deliver the added benefits of unparalleled energy efficiency and conservation, and are proven to help cut heating and cooling costs while making your home more comfortable.

Performance-engineered Regency windows are manufactured to provide generations of worry-free enjoyment and are endorsed by a lifetime limited, transferable warranty.



# The test of GREAT DESIGN... WHEN BEAUTY AND FUNCTION COMBINE.



## IntegraWeld<sup>®</sup>

Fusion Welding

Every sash and masterframe corner of the Regency window features IntegraWeld Fusion Welding, a technologically advanced method of construction that delivers superior strength. The IntegraWeld method produces full-contact welding points and does not require below-the-face flash clean up. The result is maximum strength welding with a clean, low-spread finished appearance. And, unlike mechanically fastened windows, Regency window corners will never work loose, or leak air or water.

## ConstantForce<sup>™</sup>

Balance System

Our double hung windows feature the ConstantForce coil. This balance system ensures smooth and easy sash opening and closing and has been rigorously tested for decades of operation. Likewise, our casement windows feature environmentally friendly, high-performance operating hardware that provides maximum strength for lifelong ease-of-operation, along with a corrosion-proof finish that is guaranteed for life.

## Lifetime

Limited Warranty

Peace of mind. It should be the result of any good home remodeling project. Every Regency window is backed by a lifetime limited warranty to provide you with years of worry-free comfort. And because our warranty is fully transferable, it not only protects you, but also the resale value of your home. Plus, the Regency warranty features an unparalleled non-prorated seal failure and optional glass breakage warranty. See printed warranty for complete details.



## ORIGIN II<sup>™</sup>

Vinyl Technology



The heart of the Regency platform is Origin II PVC vinyl. This advanced vinyl is rugged, durable, and virtually maintenance-free.

The material's low thermal conductivity makes it the perfect choice for window manufacturing. It ensures that Regency windows will never rot, peel, blister, swell, or deteriorate from corrosion or pitting. Regency's Origin II vinyl also features through-and-through colour compounding, so your windows will never require staining or painting. And, Regency utilizes natural warm Whites and Beiges for its base vinyl colour, creating the perfect measure of quality and aesthetic appeal.

## Renovation MASTERFRAME

Regency double hung, sliding, and casement windows feature a beveled exterior masterframe. This masterframe design helps the window accommodate differing installation methods and architectural styles. It also ensures that every Regency window installation will look and perform great, now and for generations to come.



## MAXUM33<sup>™</sup>

Steel Sash Reinforcement



Our double hung and slider windows feature Maxum33 steel sash meeting rail reinforcement. Steel adds extra strength to the sash meeting rail to help prevent flexing during heavy winds.

Our double hung and slider windows feature Maxum33 steel sash meeting rail reinforcement. Steel adds extra strength to the sash meeting rail to help prevent flexing during heavy winds.



# HIGH-PERFORMANCE GLASS

## Delivering Energy-Saving Comfort and Uncompromised Clarity

### INSULATION PROTECTION DESIGNED FOR NORTHERN CLIMATES

Choosing a glass system that meets the tough demands of Northern climates is essential in achieving an energy-efficient home. The glass should provide insulation from extreme weather, reduce your heating and cooling costs, and allow the warmth and beauty of natural light to shine through. Can an insulating glass package deliver both aesthetic appeal and optimal thermal protection, even with larger windows? EnergyPlus™ glass from Gentek can!

EnergyPlus glass is specially formulated with insulating properties that provide superior energy savings in cold regions with difficult heating requirements. The precision-engineered Low-E (low-emissivity) glass features a virtually clear, metallic coating that acts as a thermal mirror to help keep warm air in during the winter and solar heat out during the summer. This innovative glass package, which combines the Super Spacer® Warm-Edge Spacer System and insulating gas, will achieve the maximum Energy Rating (ER) while allowing the cheerful ambience of natural sunlight to illuminate your home.



For more information on Canada's ENERGY STAR initiative, call the toll-free publication line of Natural Resources Canada's Office of Energy Efficiency at 1-800-387-2000, or visit the website at [energystar.gc.ca](http://energystar.gc.ca).



### EnergyPlus Glass Advantages:

- Reduces energy costs by retaining heat inside the home, especially during severe Canadian winters
- Keeps homes comfortable all year long; reduces solar heat gain in the summer to lower your air-conditioning costs
- Ensures even larger windows are energy efficient
- Lets in 68% of the sun's heat to warm your home naturally in winter months
- Allows 75% of natural sunlight into your home to brighten the interior
- Achieves the maximum Energy Rating in all four Canadian climate zones†

†Regency double hung, double slider, fixed and picture windows require triple glazing to qualify for climate zone D.

### ENERGYPLUS GLASS ACHIEVES YEAR-ROUND COMFORT WITH LESS ENERGY SPENDING

**75%  
Visible light  
transmission\***



Allows 75% visible light transmission to brighten the home's interior.

**68%  
Solar heat  
allowed in\***



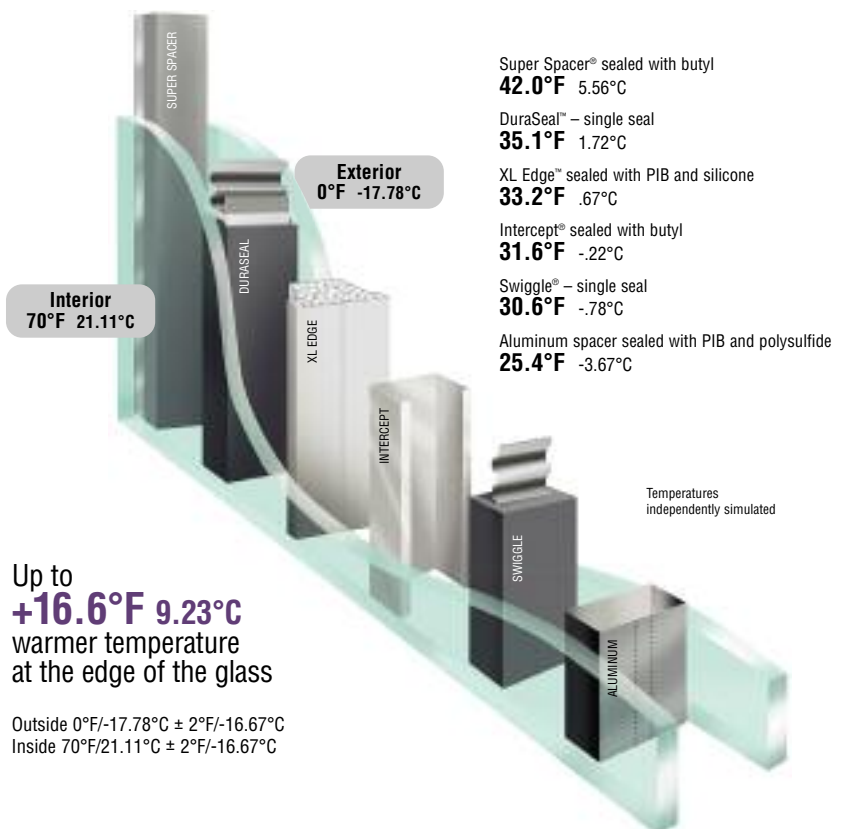
Lets in 68% of the sun's heat to warm the home naturally in winter months.

**42%  
More heat  
retained\***



Improves insulating performance by 42% over double clear glass.

### COMPARISON OF GLASS EDGE TEMPERATURES AMONG VARIOUS SPACER SYSTEMS\*\*



\*\*Test values were determined with VISION 4.0 and FRAME 4.0 program using standard boundary conditions. Configurations were determined by manufacturer. Cavity width modified to conform with spacer manufacturers' tolerances.



Regency windows with EnergyPlus glass that are rated and certified by the National Fenestration Rating Council comply with ENERGY STAR requirements for all Canadian climate zones.†



## ENVIRONMENTALLY FRIENDLY

Did you know that Gentek vinyl replacement windows are eco-friendly in several ways? Each window is precision-engineered to deliver superior energy efficiency and help reduce the consumption of fossil fuels for heating and cooling. And because they never need to be painted, they also lessen the amount of paint, stain and other maintenance-related products from entering the waste stream or polluting the air with potentially harmful organic gasses. As a recyclable material, all in-plant scrap vinyl is reused for other products (such as fencing and decking) to help reduce the volume and environmental impact of waste. Vinyl windows also boast a long service life and typically weigh less than other substrate window products, requiring less energy consumption during transportation.\*



\*Source: Vinyl Institute. U.S. EPA Inventory of Sources of Dioxin and Dioxin-Like Compounds.

WHILE A WINDOW'S BEAUTY CAN NEVER BE EXPRESSED IN NUMBERS.  
ITS PERFORMANCE CAN.



Regency windows are certified by subjecting them to the battery of ASTM (American Society for Testing and Materials) tests for air infiltration, water infiltration, and structural performance. These tests are part of the accepted industry standard for windows. Independent third parties, from a CSA (Canada Standards Association) approved testing laboratory, witness all tests. CSA is a national trade association that establishes voluntary standards for the window and door industry. The CSA Administrator issues the certification.

## SUPER SPACER NON-METAL SPACER DESIGN SYSTEM

Many windows are constructed with a metal spacer between the panes to give the insulating glass unit structural stability. Unfortunately, these metal edges conduct cold from the outside of your home at a rate up to 120% higher than at the center of the glass area. This can create condensation problems at the window edge, damaging woodwork and draperies.

Regency windows combine a structural foam spacer with a seal of hot melt butyl to create a “warm” non-conductive edge. When correctly installed, Regency windows with the Super Spacer system virtually eliminate condensation, provided that proper air circulation and humidity levels are maintained in the home.<sup>†</sup> In addition, the Super Spacer design minimizes the subtle movement of glass panes caused by changes in temperature – helping to prevent seal failure and reducing the stress on the glass panes.

<sup>†</sup>For more information, please see *Your Guide to Common Household Condensation* at [www.gentek.ca](http://www.gentek.ca).

The Super Spacer non-metal spacer provides the highest resistance to conduction and eliminates metal-to-glass contact and conduction.



## PVC VINYL VERTICAL SINGLE HUNG WINDOWS

AAMA/NFRC

Model	VT	CRF	SHGC	U-Value*	ER
Single Hung	.59	56	.54	.30	33

\*Total window U-value with EnergyPlus Low-E glass, 90% argon fill and Super Spacer

CAN A440-M00 STANDARD

Model	Air	Water	Load	Forced Entry	CSA
Single Hung	A2	B4	C3	F10	Certified

Tested to CSA A440-00

## PVC VINYL VERTICAL DOUBLE HUNG WINDOWS

AAMA/NFRC

Model	VT	CRF	SHGC	U-Value*	ER
Double Hung	.55	56	.51	.31	28
Picture	.59	65	.59	.29	36

\*Total window U-value with EnergyPlus Low-E glass, 90% argon fill and Super Spacer

CAN A440-M00 STANDARD

Model	Air	Water	Load	Forced Entry	CSA
Double Hung	A2	B4	C3	F10	Certified
Picture	Pass	B7	C4	—	Certified

Tested to CSA A440-00

## PVC VINYL CASEMENT, AWNING AND BASEMENT WINDOWS

AAMA/NFRC

Model	VT	CRF	SHGC	U-Value*	ER
Casement	.52	59	.47	.28	32
Fixed Casement	.59	61	.55	.29	36
Awning	.51	56	.47	.28	32
Basement	.55	58	.48	.30	28

\*Total window U-value with EnergyPlus Low-E glass, 90% argon fill and Super Spacer

CAN A440-M00 STANDARD

Model	Air	Water	Load	Forced Entry	CSA
Casement	A3	B7	C4	F10	Certified
Fixed Casement	A3	B7	C4	—	Certified

Tested to CSA A440-00

## PVC VINYL HORIZONTAL SINGLE SLIDER WINDOWS

AAMA/NFRC

Model	VT	CRF	SHGC	U-Value*	ER
Single Slider lift-out	.51	58	.54	.30	33
Single Slider tilt and turn	.59	58	.54	.31	31
Picture	.59	65	.59	.29	36

\*Total window U-value with EnergyPlus Low-E glass, 90% argon fill and Super Spacer

CAN A440-M00 STANDARD

Model	Air	Water	Load	Forced Entry	CSA
Single Slider lift-out	A2	B3	C3	F10	Certified
Single Slider tilt and turn	A2	B1	C4	F10	Certified
Picture	Pass	B7	C4	—	Certified

Tested to CSA A440-00

## PVC VINYL HORIZONTAL DOUBLE SLIDER WINDOWS

AAMA/NFRC

Model	VT	CRF	SHGC	U-Value*	ER
Double Slider lift-out	.59	58	.50	.30	29
Double Slider tilt and turn	.55	59	.51	.31	28

\*Total window U-value with EnergyPlus Low-E glass, 90% argon fill and Super Spacer

CAN A440-M00 STANDARD

Model	Air	Water	Load	Forced Entry	CSA
Double Slider lift-out	A2	B4	C3	F10	Certified
Double Slider tilt and turn	A2	B2	C3	F10	Certified

Tested to CSA A440-00

**Visual Transmission (VT)\*\*** The percentage or fraction of the visible spectrum weighted by the sensitivity of the eye, that is transmitted through the glazing.

**CRF (Condensation Resistance Factor)** An indication of a window's ability to resist condensation. The higher the CRF, the less likely condensation is to occur.

**Solar Heat Gain Coefficient (SHGC)\*\*** The fraction of radiation admitted through a window, both directly transmitted and absorbed and subsequently released inward. The lower a window's SHGC, the less solar heat it transmits and the greater its shading ability.

**ER Rating (Energy Rating)** A measure of a window's overall performance based on three factors: 1) solar heat gain, 2) heat loss through frames, spacers and glass, and 3) air leakage heat loss. A positive ER rating means the window adds more heat to the home than it loses during heating season. A negative ER rating means the window loses more heat than it gains during heating season.

**U-Factor (also referred to as U-value)** The rate of heat flow through a glazing system. The lower the value, the better the insulating quality. U-factor can be compared to R-value by dividing 1 by the U-factor. For example, a U-factor of 0.5 equals an R-value of 2.

\*\*Test results may vary for windows with grids.

# DOUBLE HUNG WINDOWS

The traditional design of Regency double hung windows make them the perfect choice for homeowners who want the best. They combine functional beauty, balanced daylighting, and an array of decorative options that allow you to enhance your environment.

## TRADITIONAL BEAUTY

- Contoured glazing beads
- Beveled exterior masterframe

## UNSURPASSED ENERGY EFFICIENCY

- Full 7/8" insulating glass with Super Spacer warm-edge technology
- Standard EnergyPlus high-performance glass
- Heavy-duty weatherstripping
- Full meeting rail interlock

## MAINTENANCE FREEDOM AND EASE OF USE

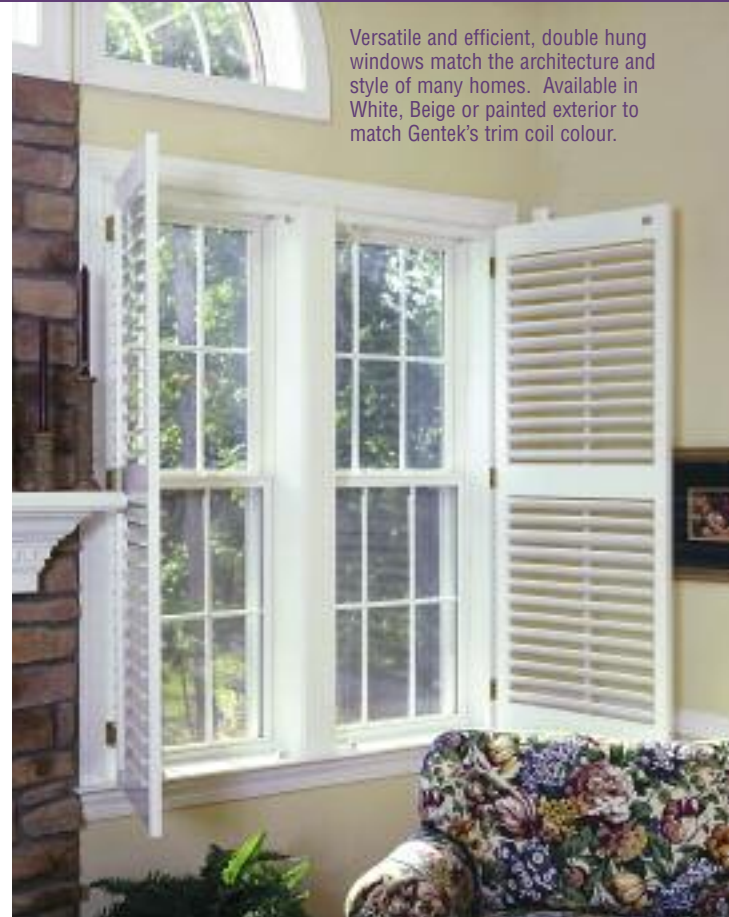
- Origin II PVC vinyl never needs painting or staining
- Both sashes tilt-in for easy cleaning
- ConstantForce balances make raising and lowering sashes easy

## LIFELONG STRENGTH AND DURABILITY

- IntegraWeld fusion welding
- Maxum33 steel sash reinforcement
- Heavy-duty locking and operating hardware
- Dual locks on all windows over 26" wide
- Lifetime Limited Transferable Warranty
- Optional Glass Breakage Warranty



Sash meeting rails feature internal Maxum33 steel lineal reinforcement (left). Easy-to-operate cam-action lock (center). Contoured tilt latches and sash limit-locks (right).

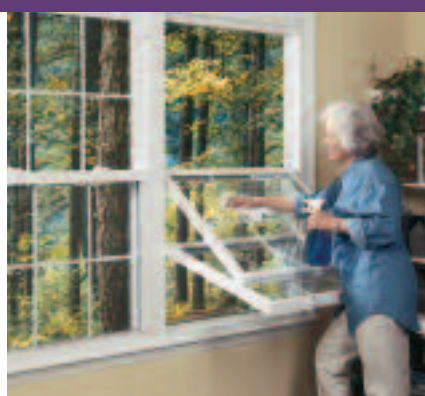


Versatile and efficient, double hung windows match the architecture and style of many homes. Available in White, Beige or painted exterior to match Gentek's trim coil colour.



Regency high-performance windows are also available in single hung configurations.

Sashes easily tilt in for easier, safer cleaning.



# SLIDER WINDOWS

These windows present the best of both worlds by combining exquisite form with effortless function. You'll appreciate the timeless style of their smooth, clean lines. Our innovative design provides years of easy-to-operate, fingertip control.

## TRADITIONAL BEAUTY

- Contoured glazing beads
- Beveled exterior masterframe

## UNSURPASSED ENERGY EFFICIENCY

- Full 7/8" insulating glass with Super Spacer warm-edge technology
- Standard EnergyPlus high-performance glass
- Heavy-duty weatherstripping and weatherseals

## MAINTENANCE FREEDOM AND EASE OF USE

- Origin II PVC vinyl never needs painting or staining
- Operating sashes lift out for easy cleaning
- Brass sash roller system makes windows easy to glide

## LIFELONG STRENGTH AND DURABILITY

- IntegraWeld fusion welding
- Maxum33 steel sash reinforcement
- Heavy-duty locking and operating hardware
- Dual locks on all windows over 26" tall
- Lifetime Limited Transferable Warranty
- Optional Glass Breakage Warranty



Each slider window operating sash features two sets of solid-brass tandem rollers to ensure smooth, effortless window operation (left). Sash limit-locks allow fresh air ventilation (right).





The narrow sightlines of three-lite end-vent slider windows make them an ideal replacement for many applications.



### TILT AND TURN SLIDER WINDOWS

- Specially designed glide shoe locks the sash in position when opened more than four degrees, preventing any movement when the sash is opened for cleaning
- Sash lock allows all sashes to swing in easily for cleaning
- Available in single and double sliders

# CASEMENT WINDOWS

A focal point of any room, these windows have a time-honored allure and enchantment that always make them a welcome addition. We've added state-of-the-art performance to their traditional beauty to achieve new levels of elegance and energy efficiency.

## TRADITIONAL BEAUTY

- Contoured glazing beads
- Beveled exterior masterframe

## UNSURPASSED ENERGY EFFICIENCY

- Full 7/8" insulating glass with Super Spacer warm-edge technology
- Standard EnergyPlus high-performance glass
- Heavy-duty weatherstripping and weatherseals

## MAINTENANCE FREEDOM AND EASE OF USE

- Origin II PVC vinyl never needs painting or staining
- High-performance operating hardware

## LIFELONG STRENGTH AND DURABILITY

- IntegraWeld fusion welding
- Heavy-duty multi-point locking and operating hardware
- Lifetime Limited Transferable Warranty
- Optional Glass Breakage Warranty

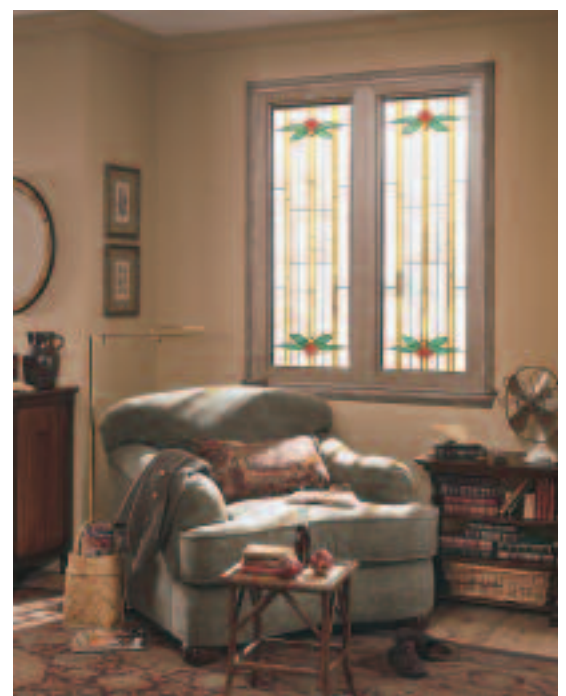


Single lever multi-point locking system (left).  
Functional and durable high-performance operating mechanism (center).  
Streamlined operating handle (right).



### CLASSIC DESIGN WITH VERSATILITY IN MIND

Much of the growing popularity of the casement window is owed to its flexibility. Regency casement windows are a perfect complement to any home's architecture.



# AWNING WINDOWS

Designed with your comfort in mind, awning style windows allow you to express your personal style while providing a unique decorating accent. Along with their contemporary styling, our state-of-the-art engineering ensures reliable operation season after season, year after year.

## TRADITIONAL BEAUTY

- Contoured glazing beads
- Beveled exterior masterframe

## UNSURPASSED ENERGY EFFICIENCY

- Full 7/8" insulating glass with Super Spacer warm-edge technology
- Standard EnergyPlus high-performance glass
- Protective weatherstripping and weatherseals

## MAINTENANCE FREEDOM AND EASE OF USE

- Origin II PVC vinyl never needs painting or staining
- Heavy-duty operating hardware ensures a tight fit
- Dual locking handles

## LIFELONG STRENGTH AND DURABILITY

- IntegraWeld fusion welding
- Dual cam-action jamb locks
- Lifetime Limited Transferable Warranty
- Optional Glass Breakage Warranty





### AN ELEGANT ACCENT FOR ANY STYLE

Woodgrain windows add warmth to any room. Available in Dark Oak, these awning and fixed-lite window combinations are attractive and functional. Great style comes to any interior design when awning windows and fixed lites are combined. Your windows will reflect and enhance your home's beauty, and they're built to last a lifetime.



Dual jamb locks seal window tight (left).  
Heavy-duty operating hardware (right).



# BAY AND BOW WINDOWS

Nothing else can match the beauty and understated elegance of these very distinctive styles. Their smooth lines add a charming touch to your home while expanding your outdoor view. They are also skillfully crafted to reduce energy loss and enhance your indoor comfort.

## TRADITIONAL BEAUTY

- Contoured glazing beads
- Beveled exterior masterframe
- Wide selection of glass options

## UNSURPASSED ENERGY EFFICIENCY

- Full 7/8" insulating glass with Super Spacer warm-edge technology
- Standard EnergyPlus high-performance glass
- Heavy-duty weatherstripping and weatherseals

## MAINTENANCE FREEDOM AND EASE OF USE

- Origin II PVC vinyl never needs painting or staining
- Performance-engineered operating hardware

## LIFELONG STRENGTH AND DURABILITY

- IntegraWeld fusion welding
- Heavy-duty, high-performance multi-point locking and operating hardware
- Lifetime Limited Transferable Warranty
- Optional Glass Breakage Warranty





The gentle slope of a Regency bow window (left) adds soft elegance to any room's interior. Because Regency bay windows (above) are custom-manufactured to fit your exact opening, they augment your home's interior and add to its aesthetic appeal.



Available in furniture-grade Oak woodgrain to complement your interior.



# LEADED GLASS COLLECTION

## AUTHENTIC BEVELED-LEADED STAINED GLASS

Regency beveled-lead glass adds elegance and distinction to any home...and complements any architectural motif. Every piece of the leaded glass collection is handcrafted using hand-cut glass, crystal bevel clusters, and hand-soldered camings.

Our leaded glass collection features a number of attractive glass styles. Each is ready for your personalization. Select a complementary colour from our stained glass palette and a coming metal to match your taste – Brass, Pewter or Lead.



Waterbury



Windham



Madison\*



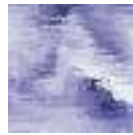
Lenora\*



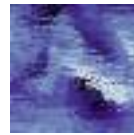
Santa Rosa



Hawthorne



Pale Blue



Medium Blue



Cobalt Blue



Steel/Sky Blue



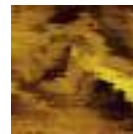
Pale Gray



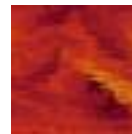
Yellow



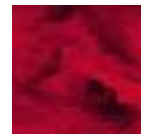
Pale Amber



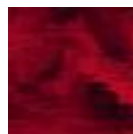
Medium Amber



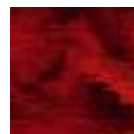
Light Orange



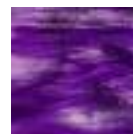
Cherry Red



Ruby Red



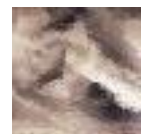
Ruby Red/Amber



Pale Purple/Violet



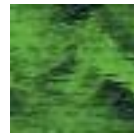
Dark Purple



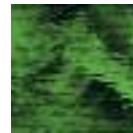
Champagne



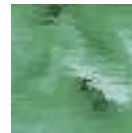
Light Green



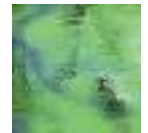
Medium Green



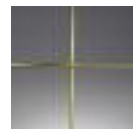
Green



Teal Green



Green/Aqua Blue



Brass Caming



Lead Caming

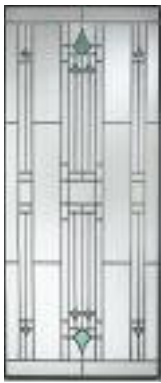


Pewter Caming

\*This glass pattern does not utilize stained glass.



Montrose



Providence



Waverly\*



Avalon



Somerset



Mystic