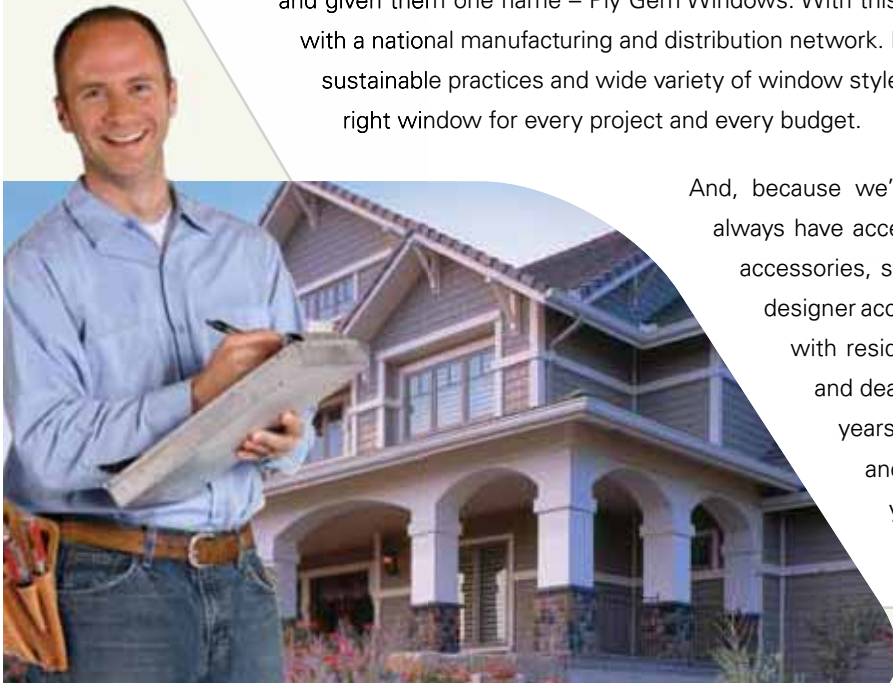


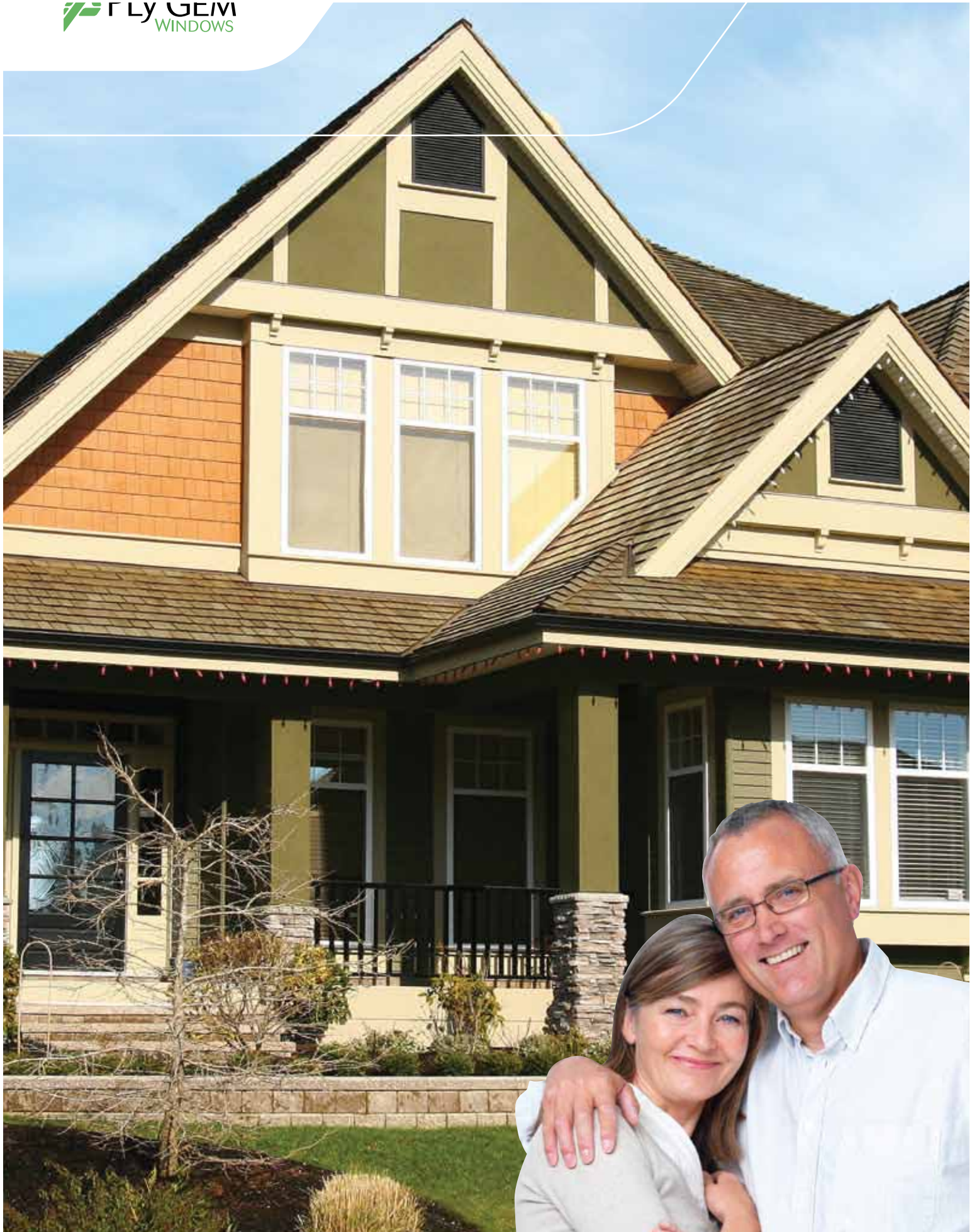


A WHOLE NEW POINT OF VIEW.

**It's more than a window. It's a whole new point of view.** At Ply Gem Windows, we have a different view for the way the window business should be run. We believe you should have access to all of the top quality styles and brands across the country. That's why we've taken our entire portfolio of brands, brands that you know and trust, and given them one name – Ply Gem Windows. With this one name comes a lot of big advantages, starting with a national manufacturing and distribution network. Pair that with our commitment to customer service, sustainable practices and wide variety of window styles that fit all of your design needs, and you'll get the right window for every project and every budget.

And, because we're part of the Ply Gem family, you know you'll always have access to leading brands. Windows, doors, siding and accessories, stone veneer, fence and rail, rainware, shutters and designer accents, we have something for every project. We work with residential builders, remodelers, architects, distributors and dealers to help build sales. When you combine over 50 years of experience, industry-leading customer service, and trusted local relationships you've got a company you can count on. **Ply Gem. Building products. Building success.**







# PREMIUM SERIES

REPLACEMENT WINDOWS

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**Stunning statements. Smart solutions.** Stand out with a stylish new look. Upgrade to a more energy efficient option. Recreate the authentic look of an old window. Whatever your reason, when you're ready for replacement windows choose the ultimate in performance and luxury – choose Ply Gem Windows Premium Series Replacement. These custom, top-of-the-line windows provide great looks that last. With styles and options to meet the demands of even the most discriminating homeowner and performance to match, this is truly a replacement window for a lifetime of luxury.



Below is a glossary of our icons that you will see throughout the Ply Gem Windows Replacement brochures. These icons identify features and benefits for each window so you can easily understand what is available to you with each style.



#### CUSTOM SIZING

Ply Gem Premium Series Replacement windows and patio doors can be ordered in  $\frac{1}{8}$  inch increments to accommodate any replacement application providing a perfect fit and minimizing installation time and special trimming requirements.



#### DP CERTIFIED

Ply Gem Premium Series Replacement windows are tested to meet the air, water and structure requirements of AAMA/WDMA 101/I.S.2. Our products meet a Design Press (DP) rating of 35 (double hung) to as high as DP70 operating gateway size of 24" x 60". With advanced level engineering and top-notch innovation, you are assured of the most durable, high-performing windows available nationwide.



#### INTERFORCE II™

Our Premium windows feature Interforce II™ internal fiberglass reinforced meeting rails for unsurpassed strength and durability.



#### WARM EDGE TECHNOLOGY

The Warm Edge glass spacer system within Ply Gem Premium Series Replacement windows reduces thermal transfer around the glass perimeter by utilizing a unique U-shaped channel to separate glass panes and interrupt the natural flow of heat to cold. Warm Edge is one continuous piece creating a stronger, more energy-efficient insulated glass unit. Plus it flexes with glass expansion and contraction to ensure a strong seal for the life of the window.



#### WARM EDGE+ TECHNOLOGY

The Warm Edge+ Spacer System has all of the features of the Warm Edge Spacer, but utilizes a new, less conductive material which provides a lower U-Factor.



#### R-CORE® INSULATION

The vinyl mainframes of Ply Gem Premium Series windows are filled with patented<sup>†</sup> R-Core® insulation (pre-expanded high-density solid-polyurethane), the same type used in many refrigerator/freezer doors. It prevents voids and settling and results in even distribution of the maximum insulating barrier. Premium Series windows with EP upgrades feature R-Core in both the frame and sash for the ultimate in thermal performance. <sup>†</sup>U.S. Patent Number: 4,516,356



#### NEW GENERATION VINYL

Wood or metal windows can stick when they swell or deteriorate from corrosion. New Generation Vinyl withstands harsh weather and wear-and-tear better. Ply Gem Premium Series Replacement windows are constructed with rugged, maintenance-free New Generation uPVC. Its low conductivity and high energy-efficiency properties are ideal for Ply Gem's advanced window construction. And because vinyl's base color is solid through-and-through, you'll never need to paint or stain these windows.



#### PINCH FUSION WELDING

Ply Gem Premium Series Replacement windows are entirely fusion welded – sashes and mainframes – to create a solid, one-piece unit that maintains its strength over the years. Our state-of-the-art fusion process ensures frame and sash corners won't have the excess variance found with other welding techniques.



#### SIL LOCK

Premium windows with SilLock are built with a sloped sill which forces water to drain to the exterior of the window, keeping your windows dry. This unique design also ensures a tight weatherstrip contact at the sill.



#### COASTAL HARDWARE

Typical hardware can easily become corroded or damaged when exposed to constant salt in the air. Ply Gem windows with coastal hardware will consistently stand up to saltwater and other harsh coastal conditions.

## PREMIUM SERIES REPLACEMENT

**PREMIUM SERIES REPLACEMENT** windows are available in double hung, sliding, casement & awning, garden, bay & bow and sliding patio doors. A number of grilles, glass packages and color options as well as designer glass are also available.



## OVERALL FEATURES

- 1 Pinch fusion-welding construction creates a solid, one-piece unit with no excess variance for long-term durability
- 2 Heavy duty weatherstripping provides a barrier to air and water saving energy dollars
- 3 Sloped sill with unique SilLock design ensures natural water run-off
- 4 Premium Series comes standard with the vinyl mainframe filled with patented R-Core® (pre-expanded high-density solid polyurethane insulation), the same type used in many refrigerator/freezer doors; for enhanced performance Premium Series Energy Package options feature the mainframe and sash filled with patented R-Core®
- 5 Interforce II™ reinforced meeting rails on double hung and sliding windows with Premium Series Energy Package options, feature internal structural fiberglass extrusions for reinforcement along with an integral interlocking system, providing unsurpassed strength and durability without conduction
- 6 Glass systems with Warm Edge (standard) or Warm Edge+ (optional upgrade) spacer systems and HP or HP<sup>SC</sup> glass, HP2 or HP2<sup>SC</sup> glass system upgrades offer increased energy efficiency
- 7 New Generation uPVC vinyl never needs painting or caulking and resists conducting heat and cold

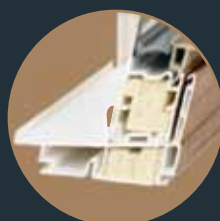


A



Fusion-welded strength

B



R-Core® insulated frames and sash

C



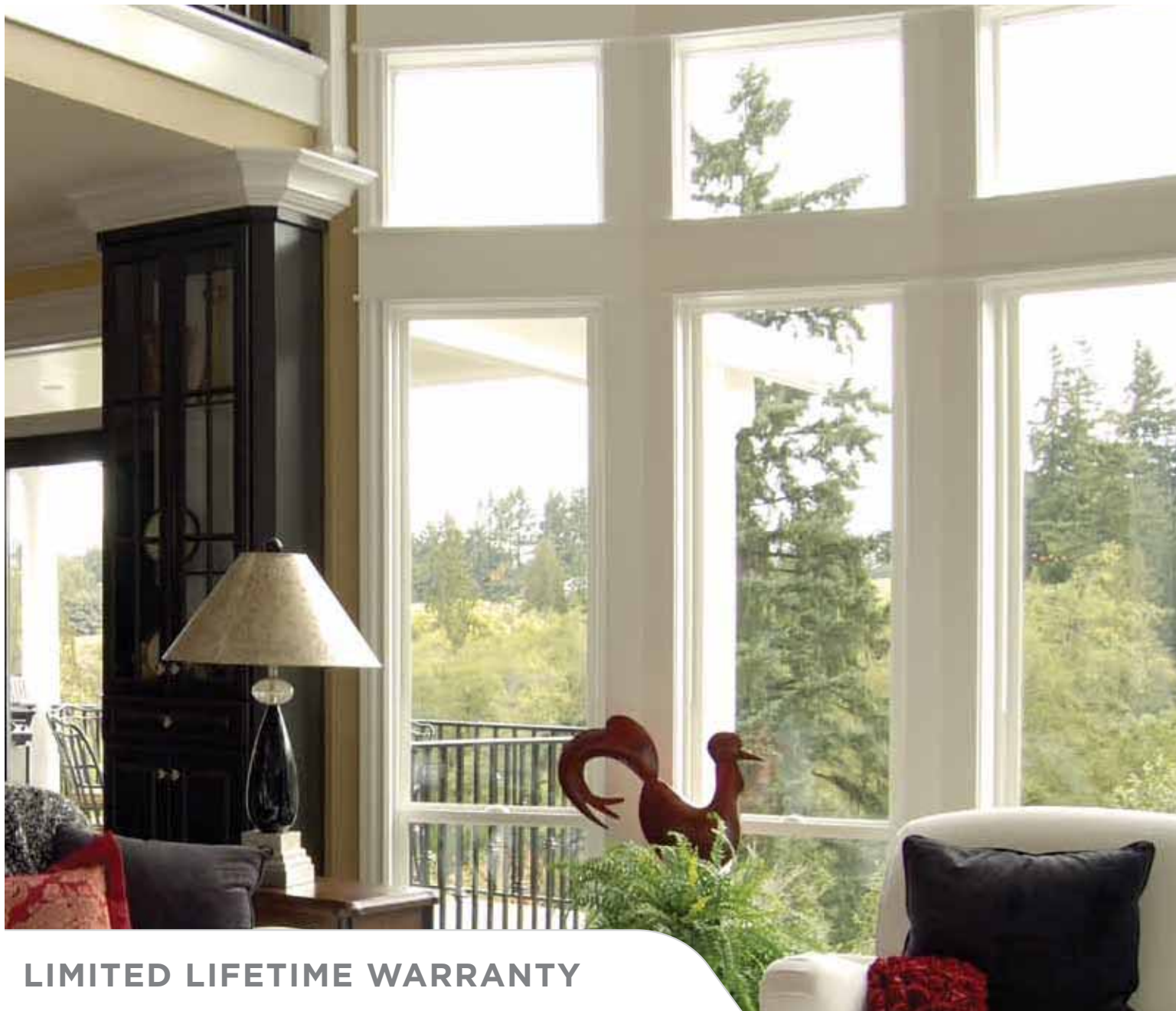
Interforce II™ fiberglass-reinforced sash meeting rails

D



Warm Edge spacer (standard)





## LIMITED LIFETIME WARRANTY

### One of Life's Few Guarantees.

Life comes with few guarantees. Fortunately, Premium Windows offer you a permanent solution. Our custom vinyl windows offer more than construction quality, unmatched energy efficiency and low maintenance. They also offer a Lifetime Limited Warranty.

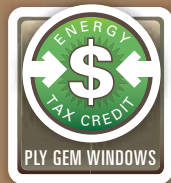
We believe so strongly in the durability of our windows that we back each window unit with our hassle-free Limited Lifetime Warranty. Lifetime means your windows are protected under the warranty for as long as you live in your home. And your warranty is transferable to the next homeowner helping you protect your investment by increasing your home's resale value.

Wouldn't it be nice if you could feel so confident about everything you bought?





Multiple product styles within the Ply Gem Premium Series, when combined with an optional HP glass package option and either the standard Warm Edge spacer or the optional Warm Edge+ spacer (see product styles to determine spacer and glass needed to meet Stimulus), meet the requirements for the 2009-2010 Energy Tax Credit. To qualify for the credit, replacement windows and/or patio doors must have both a U-Factor rating of .30 or lower and a Solar Heat Gain Coefficient (SHGC) rating of .30 or lower. This credit is valid on products purchased and installed between January 1, 2009, and December 31, 2010.



#### Important information for homeowners:

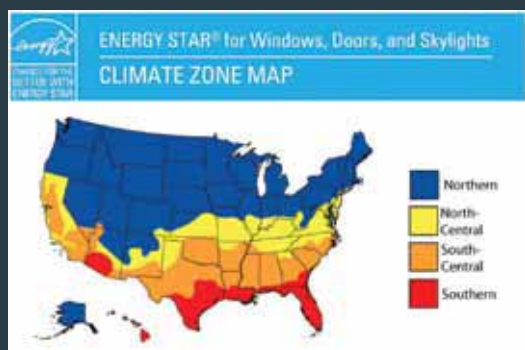
- Up to \$1,500 maximum credit for windows for all taxable years.
- Allowed only for amounts paid or incurred to purchase the window or door.
- Not allowed for amounts paid for onsite preparation, assembly, original installation labor, other components or sales tax.
- The purchase must be made during the taxable year for which the credit is claimed.



**PLY GEM PREMIUM SERIES WINDOWS HAVE BEEN GREEN APPROVED BY THE NAHB RESEARCH CENTER.**

This means you can be assured that Ply Gem Premium Series windows comply with specific green practice criteria in the National Green Building Standard. Visit [www.GreenApprovedProducts.com](http://www.GreenApprovedProducts.com) for more details.

## ENERGY STAR®



Ply Gem Premium Replacement Series windows and patio doors product styles can be configured to meet all ENERGY STAR 2010 and Stimulus requirements. Your investment in ENERGY STAR products will pay for itself over time in reduced energy bills, not to mention increase the comfort level inside your home.

## ENERGY PACKAGE UPGRADE OPTIONS

The Energy Package Upgrade options include the HP Glass Package (see page 26 for glass package options) of your choice with the addition of R-core to the sash and frame. R-Core® is a patented process utilizing pre-formed polyurethane insulation. In addition, Interforce II™ fiberglass reinforcement is placed in the meeting rails of double hung and slide windows providing DP50 and DP45 product ratings. The Energy Package options provide unsurpassed strength, durability and energy efficiency.





## DOUBLE HUNG WINDOW

**DOUBLE HUNG WINDOWS** remain a favorite for their combination of classic looks and convenient operation. And though these may look like traditional windows, they're the picture of modern window innovation. Available double hung configurations include operating, fixed and factory mulled units.

## FEATURES

- 1 Fully fusion-welded New Generation uPVC vinyl sash and mainframe for extra strength and enduring beauty with SilLock design – featuring a sloped sill to keep windows dry while ensuring a weather-tight seal at sill
- 2 Meeting rails have integral interlock for a weathertight seal and extra security
- 3 Fin and pile weatherstripping on both sash and mainframe for protection against air, dust and moisture
- 4  $\frac{7}{8}$ " IGU glass systems offer energy efficient Warm Edge standard and optional Warm Edge+ for improved performance
- 5 Triple weatherstripped check rail and sash ensures long term performance
- 6 Ventilation limit latches for added security when windows are partially open
- 7 Interforce II™ fiberglass reinforcement in the meeting rails for unsurpassed strength and durability with Premium Series Energy Package option
- 8 Two flush mounted cam-action locks on windows over 25" wide
- 9 Top and bottom lift rail for ease of operation and both sash tilt in for easy and safe cleaning of the exterior of window
- 10 Equal sight lines for traditional wood window aesthetics
- 11 Premium Series comes standard with the vinyl mainframe filled with patented R-Core® (pre-expanded high-density solid polyurethane insulation), the same type used in many refrigerator/freezer doors; for enhanced performance Premium Series Energy Package options feature the mainframe and sash filled with patented R-Core®
- 12 Constant force balance system
- 13 Comes standard with aluminum extruded half screen with fiberglass mesh



A



Flush-mounted  
cam-action locks

B



Ventilation limit  
latches

C



Interforce II™  
fiberglass-  
reinforced  
sash  
meeting rails

D



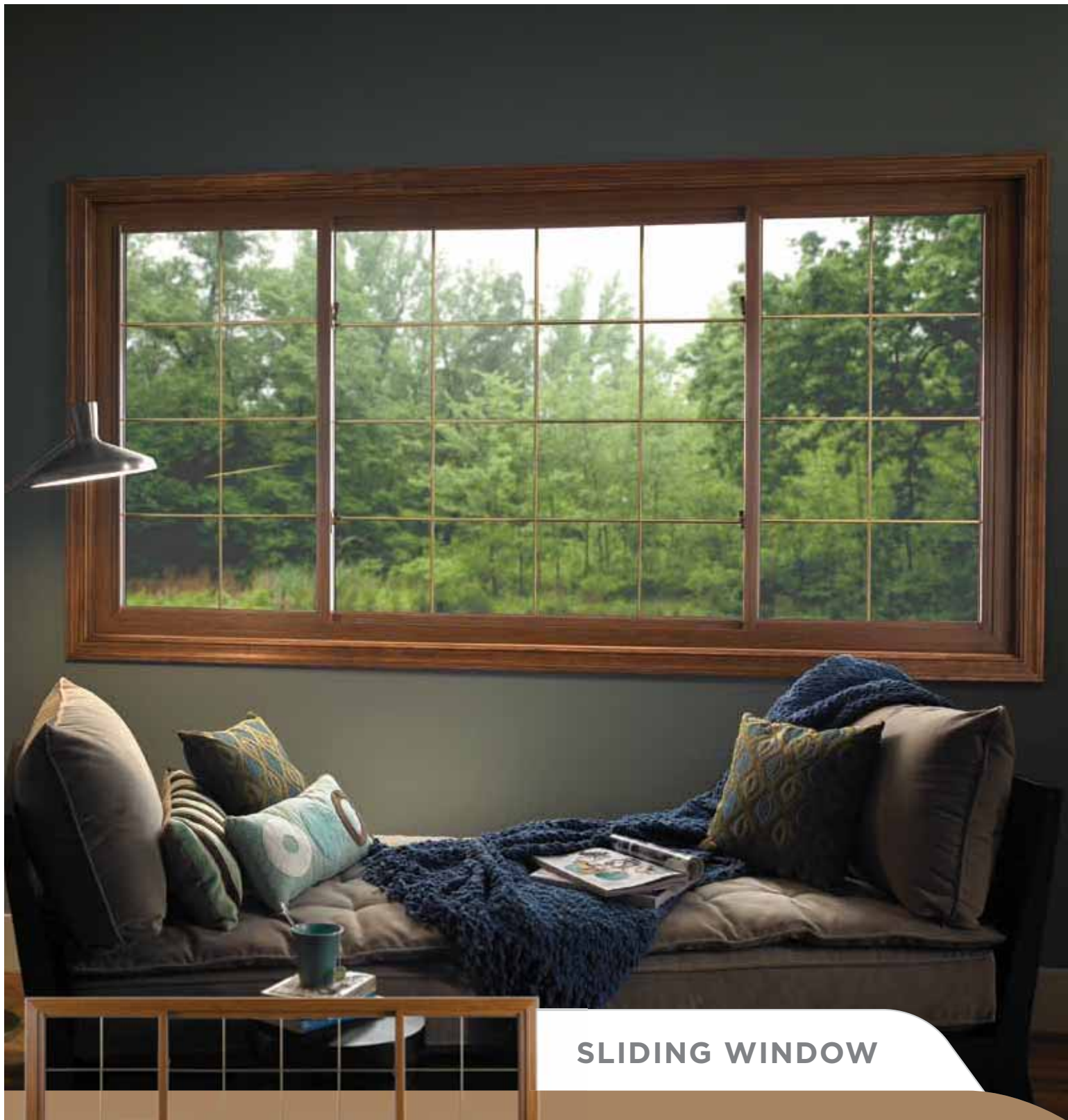
Ergonomically  
designed tilt-latch  
for ease of cleaning

E



Top and bottom lift  
rail for ease  
of operation





## SLIDING WINDOW

**SLIDING WINDOWS.** Panoramic views meet ultimate convenience. Their undeniable beauty is matched only by their superior thermal performance, letting you enjoy your view ever so comfortably. Available sliding window configurations include two- and three-lite configurations. Three-lite configurations available in  $\frac{1}{4}$ - $\frac{1}{2}$ - $\frac{1}{4}$  lite and  $\frac{1}{3}$ - $\frac{1}{3}$ - $\frac{1}{3}$  equal lite.



## FEATURES

- 1 Premium Series comes standard with the vinyl mainframe filled with patented R-Core® (pre-expanded high-density solid polyurethane insulation), the same type used in many refrigerator/freezer doors; for enhanced performance Premium Series Energy Package options feature the mainframe and sash filled with patented R-Core®
- 2 Integral interlock with Interforce II™ reinforces the meeting rails for unsurpassed strength, warmth and durability with Premium Series Energy Package upgrade
- 3 Full perimeter, high performance weatherstripping provides maximum energy efficiency
- 4 7/8" IGU glass systems offer energy efficient Warm Edge standard and optional Warm Edge+ for improved performance
- 5 Fully fusion-welded New Generation uPVC vinyl sash and mainframe for extra strength and enduring beauty with SilLock design – featuring a sloped sill to keep windows dry while ensuring a weather-tight seal at sill



A



Flush-mounted  
cam-action locks

B



Left and right  
pull rails for ease  
of operation

C



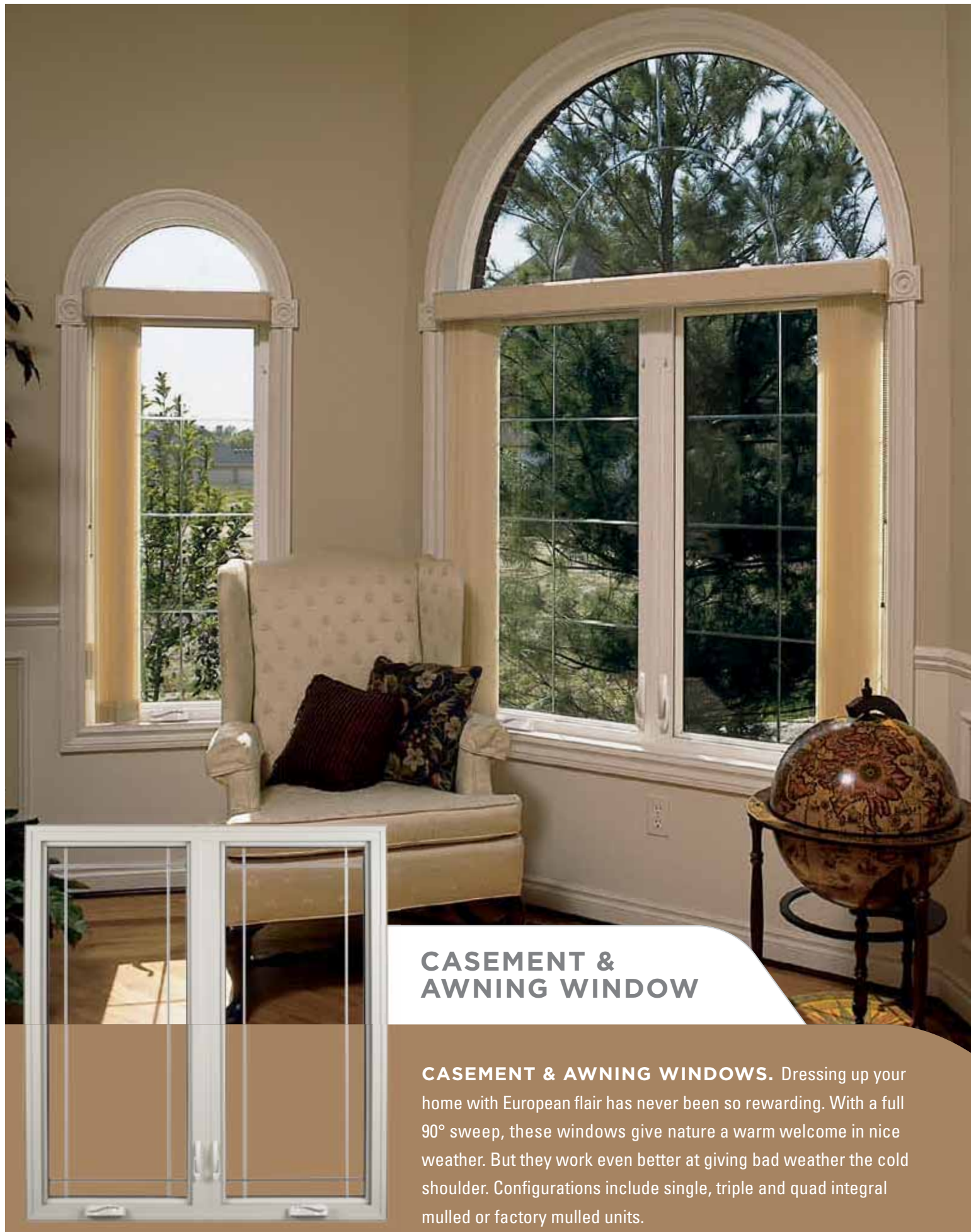
Ventilation limit  
latches

D



Interforce II™  
fiberglass-  
reinforced sash  
meeting rails

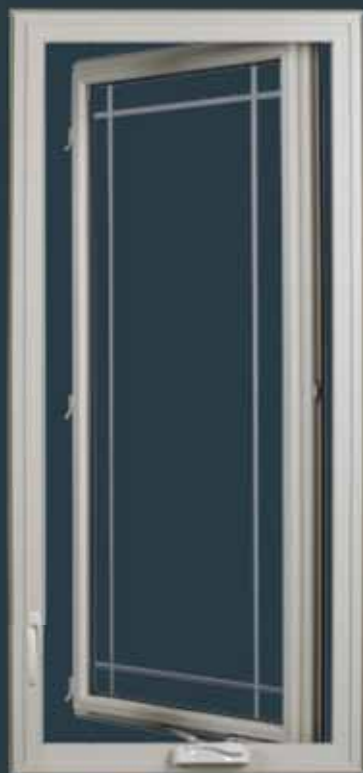




## CASEMENT & AWNING WINDOW

**CASEMENT & AWNING WINDOWS.** Dressing up your home with European flair has never been so rewarding. With a full 90° sweep, these windows give nature a warm welcome in nice weather. But they work even better at giving bad weather the cold shoulder. Configurations include single, triple and quad integral mulled or factory mulled units.



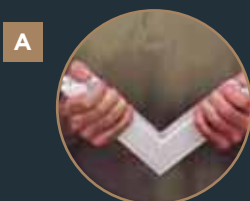


## FEATURES

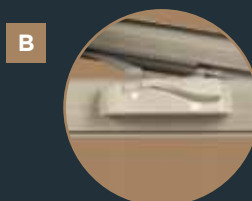
- 1 Premium Series comes standard with the vinyl mainframe filled with patented R-Core® (pre-expanded high-density solid polyurethane insulation), the same type used in many refrigerator/freezer doors; for enhanced performance Premium Series Energy Package options feature the mainframe and sash filled with patented R-Core®
- 2 Fusion-welded frames and sash stay strong and in place for a lifetime of dependable performance
- 3 Easy-to-reach multi-point locking system provides increased security with a single conveniently located handle
- 4 Folding/nested operating handle standard
- 5 New Generation uPVC vinyl never needs painting or caulking and resists conducting heat and cold
- 6 Aluminum extruded screens with low profile retention clips
- 7 Stainless steel operating components provide protection against corrosion in coastal areas. Upgrade casement windows with the Premium Series stainless steel hardware option which includes the operator mechanism arms, sash brackets, hinges, snubbers, tiebars and keepers
- 8  $\frac{7}{8}$ " IGU glass systems offer energy efficient Warm Edge standard and optional Warm Edge+ for improved performance



Upgrade casement windows with the optional coastal hardware package.



**A** Fusion-welded strength



**B** Folding/nested operator handle



**C** Matching lock features a sleek operating design



## BAY & BOW WINDOW

**BAY & BOW WINDOWS.** Custom made with every detail in mind, our bay & bow windows offer an array of designer accessories with endless design options. Bays available in 3 or 4 window, 35° and 45° configurations. Bows available in 3, 4 or 5 window configurations.



Knee Braces

## Pre-finished or Laminated Interior Options

GOLDEN OAK

COLONIAL CHERRY

NATURAL OAK



## Corian Seat Options



Cameo White



Primrose



Sandstone



Beach



Malachite



Dusk

## FEATURES

- 1 Custom made to ensure a good fit in your home
- 2 Fusion-welded New Generation uPVC vinyl frames and sash for extra strength, dependable performance and enduring beauty
- 3 Available in casement or double hung styles to complement your architectural style or personal preference
- 4 Heavy-duty weatherstripping ensures a tighter seal
- 5 Bays & bows with double hung or casement style window configurations feature R-Core® insulation and Warm Edge or optional Warm Edge+ spacer system helps keep utility costs down
- 6 For bay or bow configurations with casement style windows, multi-point locking system secures the window in several locations simultaneously with a single handle
- 7 Pre-finished interiors are sealed for beauty and durability and available in golden oak, natural oak and colonial cherry
- 8 Laminated interiors available in three wood grains and two solid colors: golden oak, natural oak, colonial cherry, white and beige



## Support and Insulation Systems

### (2) Cable Kits Standard

#### External Knee Braces

- 1 Provides exterior support for bay, bow and garden windows<sup>1</sup>
- 2 Available in white, beige, earthtone and sandstone
- 3 Pre-finished to be maintenance free

### Superior Insulated Seats

- 1 Insulated with high density polystyrene insulating board combined with a 3/4" exterior grade plywood surface – 3" overall thickness
- 2 R-Value of 7.6 – six times that of a typical non-insulated bay/bow windows
- 3 Available in white or beige (earthtone units are clad with brown coil)



<sup>1</sup> Required and included standard with garden window. Knee braces and cable system are required for bay/bow windows and are included with the window.





## GARDEN WINDOW

**GARDEN WINDOWS.** You don't have to have the greenest thumb in the family to watch nature blossom in your garden window. The bountiful sunlight they provide will keep your plants thriving year round.



Knee Braces

## Pre-finished Laminated Seats, Jambs and Heads are Available in White, Beige and Earthtone

WHITE



BEIGE



EARTHTONE



## Corian Seat Color Options



Cameo White



Primrose



Sandstone



Beach



Malachite



Dusk

Add custom style to your garden window (available for bays/bows also) by adding a Du Pont Corian® seat available in six colors

## FEATURES

- 1 New Generation uPVC vinyl never needs painting or caulking and resists conducting heat and cold
- 2 Tempered glass interior shelf adds space for plants (standard on units under 50")
- 3 Operating trapezoid casement side panels feature easy-to-operate, easy-to-reach, multi-point locking system
- 4 Fusion-welded frames and sash for extra strength and dependable performance
- 5 Add custom style to your garden window (available for bays/bows also) by adding a Du Pont Corian® seat available in six colors
- 6 Available in white, beige or earthtone color options on exterior and white on interior
- 7 Sloped top lite is only available with a dual pane insulated glass unit
- 8  $\frac{7}{8}$ " IGU glass systems offer energy efficient Warm Edge standard and optional Warm Edge+ for improved performance



## Support and Insulation Systems

### External Knee Braces

- 1 Provides exterior support for bay, bow and garden windows<sup>1</sup>
- 2 Available in white, beige, earthtone and sandstone
- 3 Pre-finished to be maintenance free

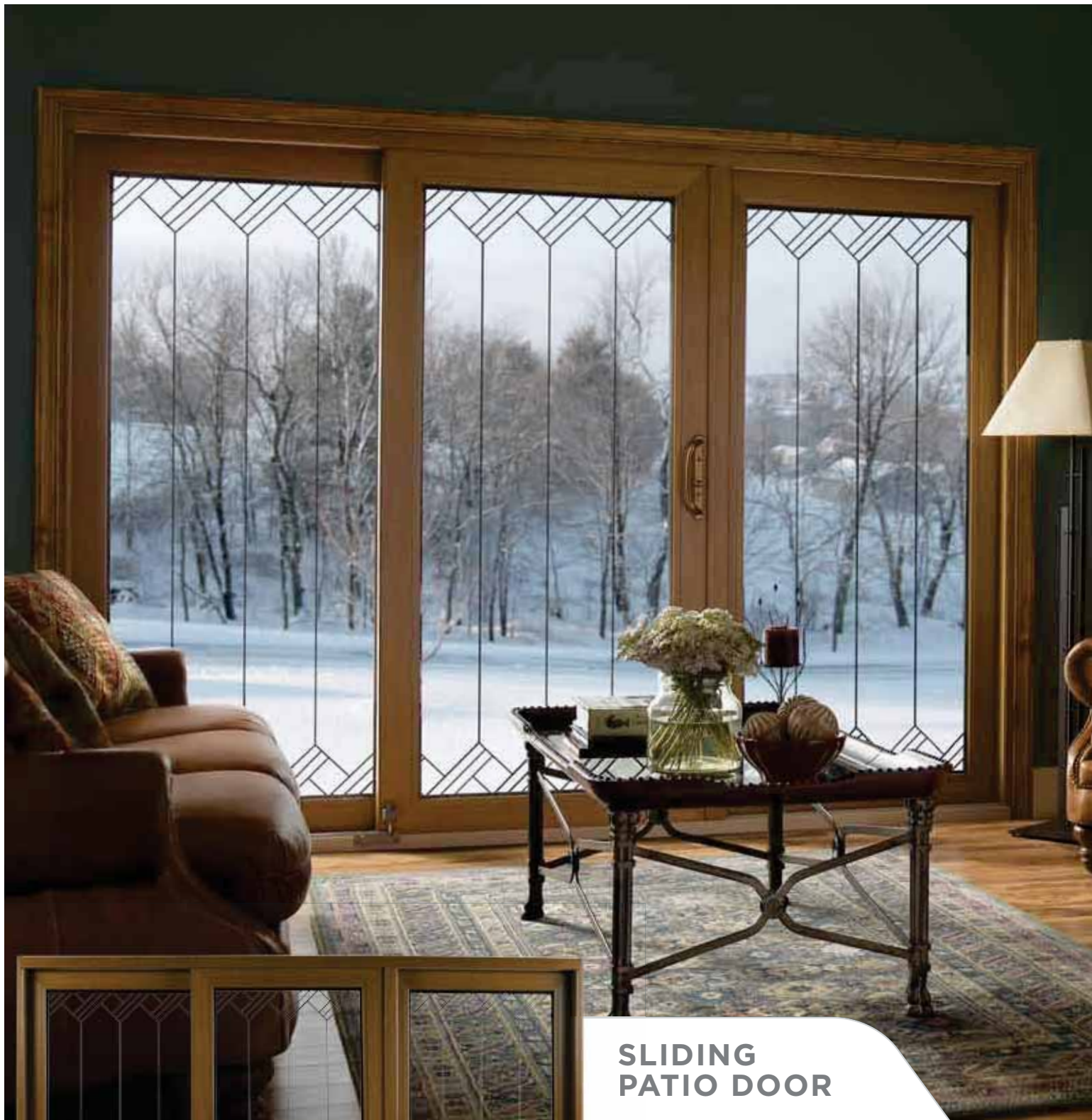
### Superior Insulated Seats

- 1 Insulated with high density polystyrene insulating board combined with a  $\frac{3}{4}$ " exterior grade plywood surface – 3" overall thickness
- 2 R-Value of 7.6 – six times that of a typical non-insulated bay/bow windows
- 3 Available in white or beige (earthtone units are clad with brown coil)



<sup>1</sup> Required and included standard with garden window. Knee braces and cable system are required for bay/bow windows and are included with the window.





## SLIDING PATIO DOOR

**SLIDING PATIO DOORS** are your home's way of welcoming guests with arms wide open. But when heat, cold, rain, wind or intruders come knocking, this beauty is as tough as nails. Configurations include two and three panel operating units as well as complementary side lites and transoms.





Oversized tandem steel rollers for smooth, effortless operation. Access to adjustment screw for ease of panel alignment through exterior face of panel eliminates unsightly screw caps on the interior and ensures proper operation.

## FEATURES

- 1" IGU glass systems offer energy efficient Warm Edge standard and optional Warm Edge+ for improved performance
- Custom-fit interlock system provide extra protection against air infiltration for enhanced energy performance
- Our doors glide on over-sized tandem steel rollers and provide smooth and effortless operation
- A heavy-duty vinyl sill with a stainless steel roller guide delivers superior strength, resists frost and condensation
- Anti-take-out device in the head of every door makes it virtually impossible to remove the active panel even with the rollers in their lowest adjustment position providing comfort and peace of mind
- While Ply Gem Replacement Series patio doors come standard with a rugged locking system, for optimum security, choose our optional dual-point lock and/or our optional footbolt lock with vent latch position
- Available on Ply Gem Replacement Series patio doors, optional pet resistant screen is seven times stronger than standard insect screening and offers excellent outward visibility, is made from vinyl-coated polyester and is not harmful to pets
- Constructed of New Generation uPVC vinyl for enduring beauty with fusion-welded panels for added strength and durability



# Optional Solar Blinds or Shades Between the Glass

## Solar Blind Colors:

- Gray
- White
- Gold
- Alabaster
- Tan

Available in lift and tilt operation

## Solar Shade Colors:

- | INTERIOR | EXTERIOR   |
|----------|------------|
| Taupe    | Reflective |
| Almond   |            |
| Charcoal |            |
| Gray     |            |



Optional blinds or solar shade with lift operation.



Multi-position optional footbolt



Exterior keyed lock in optional brass (brass is standard on woodgrains and two-tone options)



Interior lock in optional brass (brass is standard on woodgrains and two-tone options)



Optional dual-point lock available with keyed metallic finish handle or with non-keyed standard handle

## Standard

## Optional Handle Colors



- |       |       |              |            |               |
|-------|-------|--------------|------------|---------------|
| WHITE | BEIGE | SATIN CHROME | OIL-RUBBED | CLASSIC BRASS |
|-------|-------|--------------|------------|---------------|





Half Round



Extended Half Round



Full Round



Quarter Round



Extended Quarter Round



Eyebrow



Extended Eyebrow



Quarter Eyebrow



Extended Quarter Eyebrow



Ellipse



Full Oval



Gothic Eyebrow



Extended Gothic



Octagon



Extended Octagon



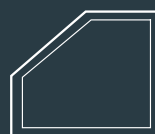
Hexagon



Extended Hexagon



Trapezoid Left or Right



Clipped Trapezoid



Pentagon



Pentagon Equilateral



Right Angle Triangle



Isosceles Triangle

## CUSTOMIZE YOUR VIEW

From the road and from within your home, windows tell a story. Every choice adds distinction: from the woodgrain or solid colors that surround each window to the grilles or subtle elegance of Regal V-grooved cut glass. Ultimately, the story of your home is what you see through your eyes.

Premium Windows feature our two-color vinyl extrusion process allowing you design flexibility to match your exterior style with an easy to coordinate white interior.

Now share your Premium Windows with the world.



## GOLDEN OAK WOODGRAIN

INTERIOR



EXTERIOR



WHITE



BEIGE



EARTHTONE

## COLONIAL CHERRY WOODGRAIN

INTERIOR



EXTERIOR



WHITE



BEIGE



EARTHTONE

## NATURAL OAK WOODGRAIN

INTERIOR



EXTERIOR



WHITE



BEIGE

## WHITE

INTERIOR



EXTERIOR



WHITE



BEIGE



SANDSTONE



EARTHTONE

## BEIGE

INTERIOR



EXTERIOR



BEIGE

Colors are reproduced as accurately as printer technology allows.  
Please see your authorized Ply Gem Windows representative for actual samples.

## SCREEN OPTIONS

Fiberglass mesh is the standard insect screening material used on all Ply Gem Windows replacement products with available half or full screens. This product provides good outward visibility and ventilation and will not rust, corrode or stain. Additional options available include:

### ALUMINUM MESH

Provides added protection against aggressive regional insects that eat through normal fiberglass mesh. Charcoal finish reduces glare.

### SOLAR BLOCK SCREEN

Blocks 70% of the sun's heat and glare. Keeps living spaces cooler, reduces energy costs and protects furnishings against fading.

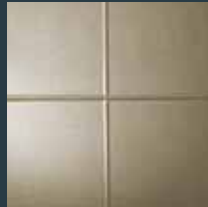
### OPTIMAL VIEWING SCREEN

Thinner fiberglass material allows maximum viewing while tighter mesh pattern keeps out tiny insects.

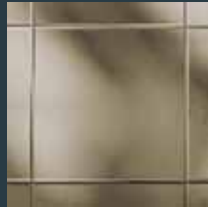
### PET RESISTANT SCREEN<sup>1</sup>

Strong vinyl-coated polyester and provides a screen seven times stronger than traditional insect screening with excellent outward visibility.

## REGAL V-GROOVE



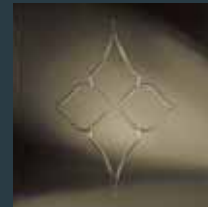
Regal Colonial



Regal Perimeter

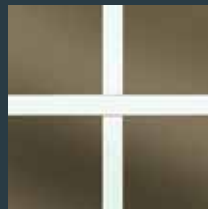


Regal Florentine

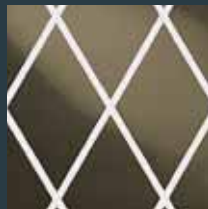


Regal Florentine  
Elongated

## GRILLES-BETWEEN- THE-GLASS



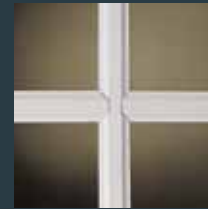
Classic Colonial



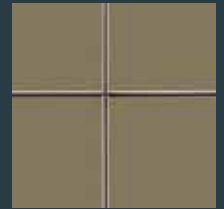
Classic Diamond



Classic Perimeter



Williamsburg  
Colonial



Narrow Brass

## CUSTOM DESIGNER WINDOW GLASS

### Brighten your outlook with decorative options.

How do you make an endearing home absolutely exquisite? Add a spectacular accent, with custom designer glass. Designed and crafted by hand as fine decorative glass has always been, Premium Windows custom designer glass brings invaluable character and distinction to your home.



Star-beveled



Ceylon



La Parisienne



Charlevoix



Bratenahl



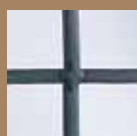
Sheffield

Shown above is a small selection of the Custom Designer Window Glass options available.

### Caming Color Options



Brass

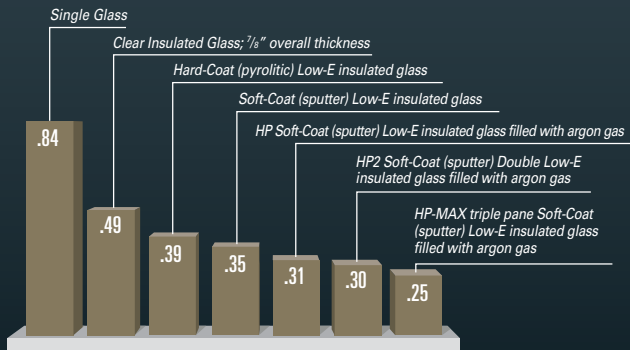


Pewtertone  
(Patina)



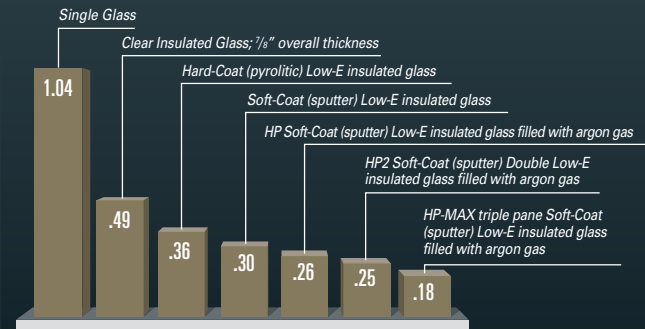
Zinc

#### GLASS COMPARISON — TOTAL UNIT — U-FACTOR



The lower the U-Factor the greater the insulation value. R-Value is the inverse ( $R=1/U$ ) of the U-Factor. Total Unit Factors determined per NFRC-100 (National Fenestration Rating Council). Chart figures based on double hung style window, no grilles, without Energy Package upgrades.

#### GLASS COMPARISON — CENTER OF GLASS — U-FACTOR



The lower the U-Factor the greater the insulation value. R-Value is the inverse ( $R=1/U$ ) of the U-Factor. Center of glass factors calculated per Windows 5.2 simulation software (LBNL - Lawrence Berkeley National Laboratories). Chart figures based on double hung style window, no grilles, without Energy Package upgrades.



**HPMax or HPMaxSC Glass System** is triple pane, combining two panes of multilayered vacuum-deposition Low-E or solar cooling Low-E insulating glass with an interior glass substrate and two insulating chambers of argon gas. The result is a 7/8" insulated glass unit that is nearly four times more energy efficient than clear insulating glass. Premium Windows with the HPMax or HPMaxSC glass system are among the most thermally-efficient windows you can buy today.

**The HP2 or HP2SC Glass System** has two lites of Low-E or solar cooling Low-E glass and an insulation chamber of argon gas. The 7/8" dual-surface multilayer vacuum-deposition Low-E insulated glass units with argon gas makes these windows nearly two times more energy efficient than a clear insulated glass unit.



**The HP or HPSC Glass System** has one lite of soft-coat, 7/8" single-surface multilayer vacuum-deposition Low-E or solar cooling Low-E insulated glass unit with argon gas. Argon gas is 40% denser than air.\* Because glass makes up the majority of a window's surface, a better glass unit means better energy efficiency.

\*Figure courtesy of Linde Gas, Inc.

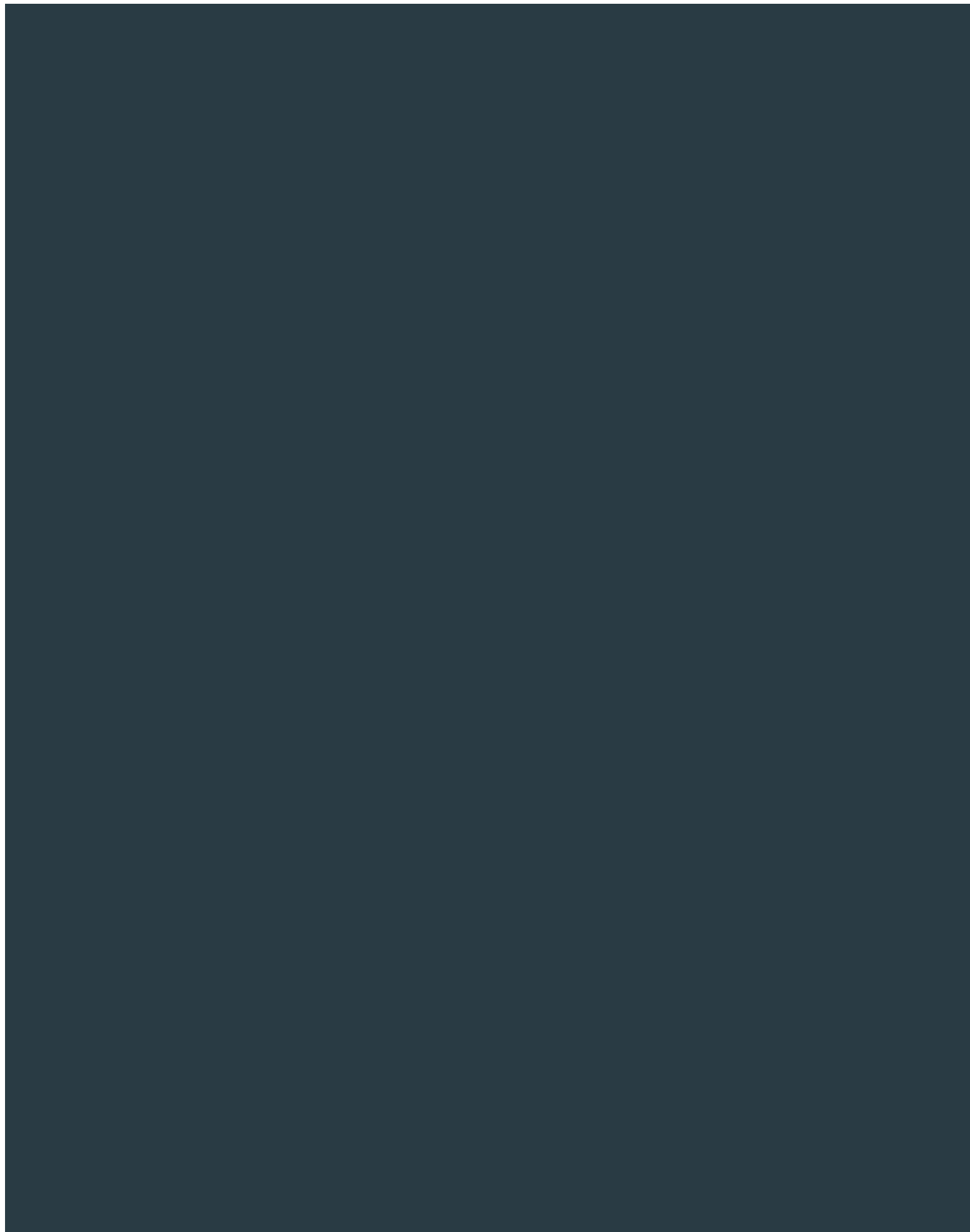
**Optional Advanced Easy Clean® Glass** is a remarkable advancement in glass design that eliminates frequent exterior window cleaning. Windows and doors with special Easy Clean Glass require less effort than windows with ordinary glass.



#### ADDITIONAL GLASS OPTIONS AVAILABLE WITH PREMIUM REPLACEMENT PRODUCTS INCLUDE:

- Clear
- Tinted
- Obscure
- Glue Chip Obscure
- Sound Package (off-set glass)
- Tempered
- Laminated (security)







Windows Siding Stone Veneer Fence+Rail Designer Accents [plygem.com](http://plygem.com)



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