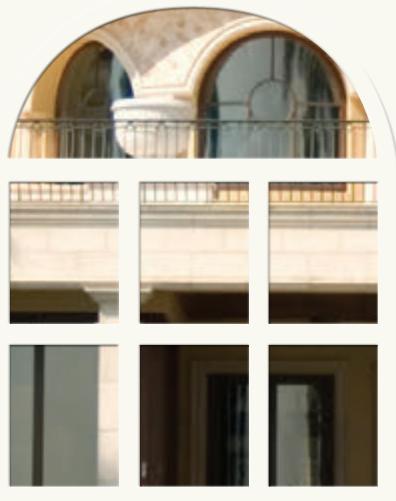




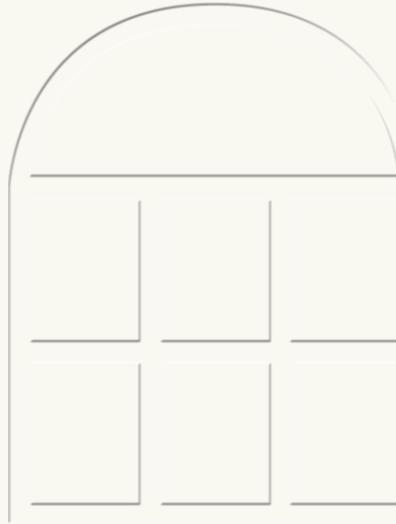
P R E M I U M S E R I E S

R E P L A C E M E N T W I N D O W S



A WHOLE NEW POINT OF VIEW.

W E S T



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 the top quality styles and brands across the country. That's why we've taken our entire portfolio of brands, brands you know and trust, and given them one name – Ply Gem Windows. With this one name come 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 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 75 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

TABLE OF CONTENTS

Explanation of Glass Packages	6
Premium Series Replacement Overview	7
Design Pressure, EP Package, Warranty and Custom Sizing.....	8
Energy Tax Credit and Energy Efficiency Information.....	9
1000 Sliding Window	10
700 Casement and Awning.....	12
700 Bay Windows.....	14
700 Bow Windows.....	16
400 Garden Window	18
1000 Sliding Patio Door	20
960 Inswing Hinged Patio Door	22
960 Outswing Hinged Patio Door	24
Architectural Shapes.....	26
Customize Your View	26
Grille, Color and Hardware Finish Options	27
Low-E information, Glass, Frame and Screen Options	28
Icon Glossary	29



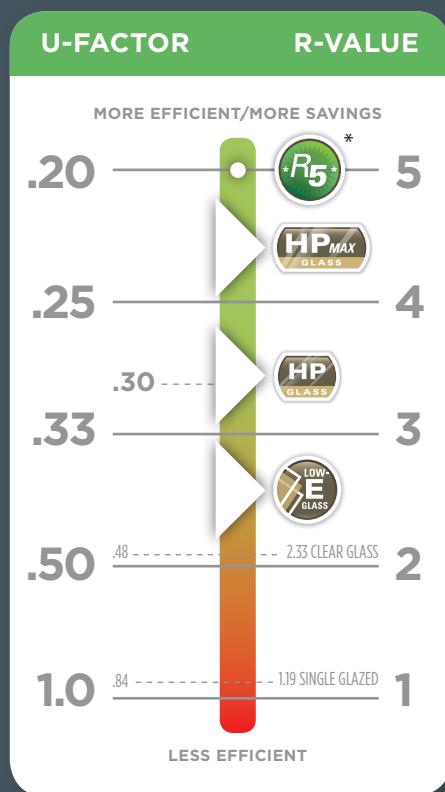
Stunning statements. Smart solutions. Stand out with a stylish new look. Upgrade to a more energy-efficient option. Whatever your reason, when you're ready for replacement windows and doors choose the top in performance and luxury — choose Ply Gem Windows Premium Series. These custom, top-of-the-line windows provide performance, style and lasting beauty.



A WHOLE NEW POINT OF VIEW.

EXPLANATION OF GLASS PACKAGES

PERFORMANCE COMPARISON



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 shows relationship between performance and Ply Gem Windows glass package options, not including energy package upgrade.

*Ply Gem Windows R-5 products meet or exceed a U-Factor of 0.20 on fixed units & 0.22 on operating units.



LOW-E GLASS PACKAGES

Our Low-E glass packages combine Low-E and Warm Edge spacer options, providing insulating glass options to meet your specific needs. Our Low-E glass packages provide better performance in regions with hot summers and cold winters. Our Low-E^{sc} (solar cooling) glass package is optimized for regions with significant indoor cooling and glare reduction requirements. Our Low-E glass packages can be combined with capillary tubes to address performance needs in high elevation applications.

Low-E — One lite of Low-E.

Low-E^{sc} — One lite of solar cooling Low-E.

Low-E2[‡] — One lite of Low-E and one lite of Interior Surface Low-E.

Low-E2_{MAX}[‡] — Triple-pane with two lites of Low-E with an interior glass substrate

Low-E3_{MAX}[‡] — Triple-pane with two lites of Low-E and one lite of Interior Surface Low-E

‡ These glass packages are combined with capillary tubes to address performance needs in high elevation applications.



HP GLASS PACKAGES

Our HP glass packages combine Low-E with argon gas fill and Warm Edge spacer options, providing high-performance insulating glass options to meet your specific needs. Argon is a safe, odorless, colorless gas, which is heavier or denser than air. When used in conjunction with Low-E glass, argon provides better insulation. That's because heat and cold do not pass through argon gas as easily as through air. Argon is nontoxic and presents no human health or environmental concerns. HP glass package is also available in solar cooling (^{sc}) glass packages for regions with significant indoor cooling and glare reduction requirements.

HP — One lite of Low-E and argon gas fill.

HP^{sc} — One lite of solar cooling optimized Low-E and argon gas fill.

HP2+ — One lite of Low-E and one lite of Interior Surface Low-E with argon gas fill.



HP_{MAX} GLASS PACKAGES (triple-pane)

Our HP_{MAX} glass packages are triple-pane units that combine Low-E with two chambers of argon gas fill and Warm Edge spacer options, providing enhanced high-performance insulating glass options to meet your specific needs.

HP2_{MAX} — Triple-pane with two lites of Low-E with an interior glass substrate and two chambers of argon gas fill.

HP3_{MAX} — Triple-pane with two lites of Low-E and one lite of Interior Surface Low-E and two chambers of argon gas fill.



WHAT ARE R-5 WINDOWS?

High-performance R-5¹ windows are highly insulating windows with a whole-window R-Value of 5 (a U-Factor of around 0.2). Most of our Premium series products can be configured as R-5 units. These products are the top tier of energy-efficient windows for cold and mixed climates.

ENERGY STAR® windows have a U-Factor of around 0.3. Reducing the U-Factor from 0.3 to 0.2, with high-performance R-5 windows, reduces average heat loss through the window by more than 30%,² and saves consumers money on energy bills.

¹ R-5 = U-Factor of .22 or lower for operating units; .20 for fixed units

² U.S. Department of Energy – Energy Efficiency and Renewable Energy EERE News, May 27, 2010

PREMIUM SERIES REPLACEMENT



OVERALL FEATURES



- 1 Traditional and custom sizes
- 2 Vinyl won't conduct heat or cold, dramatically reducing frost and condensation
- 3 Pinch fusion-welded sash and mainframes for high strength and high energy-efficiency
- 4 New Generation uiPVC vinyl never needs painting or caulking and resists conducting heat and cold
- 5 Premium Series comes standard with the vinyl mainframe filled with patented R-Core® insulation (pre-expanded high-density solid polyurethane), 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
- 6 Limited Lifetime Warranty means your windows are protected under the warranty for as long as you own your home
- 7 Standard energy-efficient HP Glass (Low-E glass combined with argon gas fill) provides high performance while our optional HP^{SC} (solar cooling) or HP^{MAX} (triple pane³) glass system upgrades offer increased energy efficiency
- 8 Standard Warm Edge glass spacer system reduces thermal transfer around the glass perimeter by using a unique U-shaped channel to separate glass panes and interrupt the natural flow of heat to cold. Our optional Warm Edge+ spacer system upgrade enhances performance
- 9 Interforce II™ reinforced meeting rails on 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



A
Fusion-welded strength



B
R-Core® insulated frames and sash



C
Interforce II™ fiberglass-reinforced sash meeting rails on units configured with optional Premium Series Energy Packages



D
Warm Edge spacer (standard)

1. Optional EP packages feature R-Core in sash (R-Core in frame is standard) with fiberglass reinforced meeting rail combined with HP or HP^{MAX} glass packages and is available on sliding windows only. 2. Optional Warm Edge+ upgrade for enhanced performance on dual pane glass packages.

DESIGN PRESSURE (DP) RATINGS



Ply Gem Premium Series products are tested to meet the air, water and structure requirements of AAMA/WDMA 101/I.S.2. Our products meet a Design Pressure (DP) rating of 25 (sliding window) to as high as DP70 (operating casement 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.

Ask your Ply Gem Windows dealer or distributor for specific DP ratings for each Premium Series replacement style.

ENERGY PACKAGE UPGRADE OPTIONS



The Energy Package Upgrade options include the HP or HP^{MAX} Glass Package (see page 6 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 sliding windows that provides DP45 product ratings. The Energy Package options provide unsurpassed strength, durability and energy-efficiency.

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 Limited Lifetime Warranty.

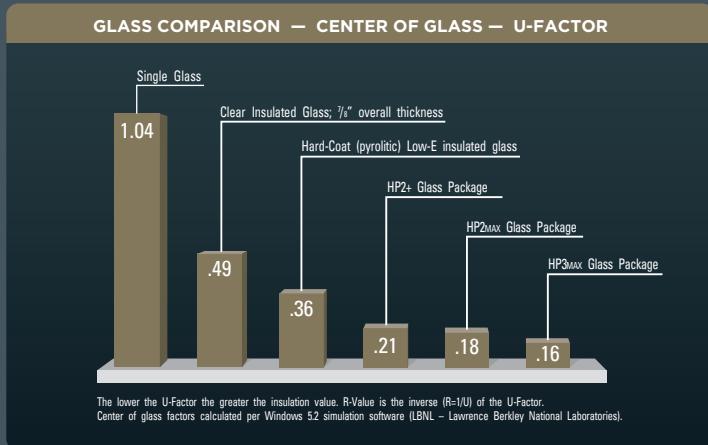
We believe so strongly in the durability of our windows that we back each window unit with our hassle-free Limited Lifetime Warranty. Lifetime means your windows are protected under the warranty for as long as you live in your home. And your warranty is transferable to the next homeowner, helping you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



CUSTOM SIZING

Ply Gem 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.



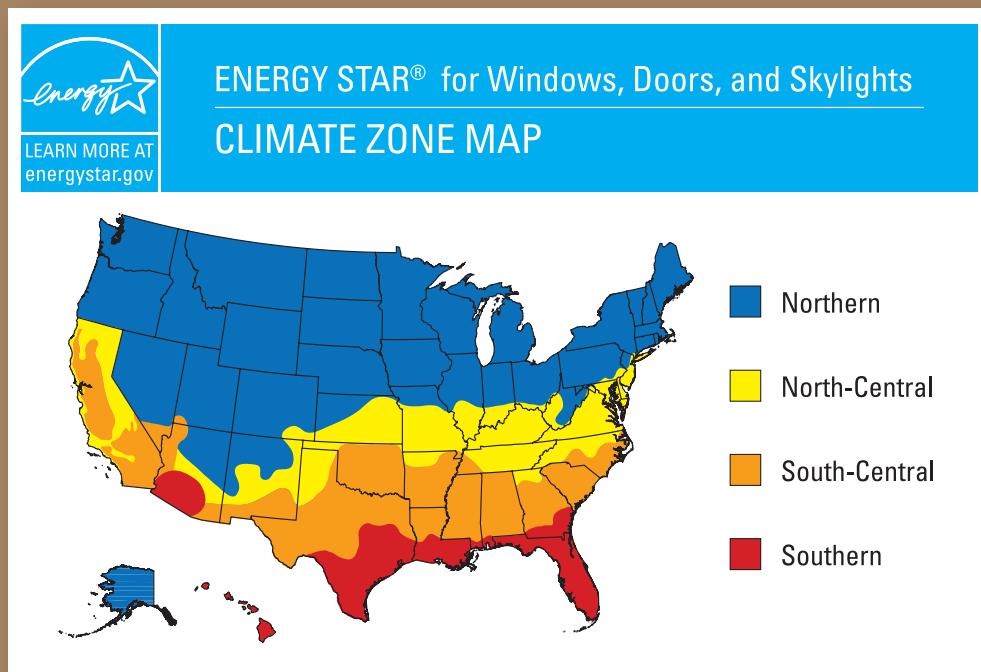
ENERGY TAX CREDIT



ENERGY STAR® qualified windows and patio doors are eligible for the 2011 federal energy tax credit. See the specific product series NFRC test summary to determine qualifying products.

Qualifying products must be installed in a consumer's existing primary residence; new construction is not eligible.

The new tax credit is in effect for products installed between January 1 and December 31, 2011. Details of the credit are available at www.energystar.gov or www.irs.gov. Consumers should consult with their tax adviser for further guidance.



Ply Gem Premium Replacement windows and patio doors can be configured to meet a specific ENERGY STAR zone in all states. 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.



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 for more details.



1000 SLIDING WINDOW



1000 SLIDING WINDOWS. When you replace your old windows with our new energy-efficient and durable sliding windows, you'll see life in a whole new way. Simple yet stylish, sleek yet classic, these windows will spoil you with their wide-open, panoramic view and superlative performance. They offer the perfect window to your world.



FEATURES

- 1 Dual wall flush fin for enhanced strength and enduring beauty
- 2 Maintenance-free multi-chamber New Generation PVC vinyl construction with fusion-welded corners for durability, weather-tight performance and beauty
- 3 Patented R-Core® insulation in frame adds energy efficiency
- 4 State-of-the-art track and adjustable brass roller system for effortless operation
- 5 Removable sash for easy and safe cleaning of windows
- 6 Energy-efficient Warm Edge insulating HP glass reduces energy cost and reduces fabric fading; optional Warm Edge+ spacer system for enhanced performance
- 7 High-security flush-mounted cam-action sash locks (two are standard on all windows over 25" tall) and full interlocks with double weatherstrip provide airtightness and added security
- 8 Solid dual pull rails for convenient operation
- 9 Ventilation limit latch enables window to vent in a partially open position
- 10 Narrow sight lines offer an expansive view of the beautiful outdoors
- 11 Aluminum extruded half screen with fiberglass mesh
- 12 Interforce II™ reinforced meeting rails on 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



A

Flush-mounted cam-action locks



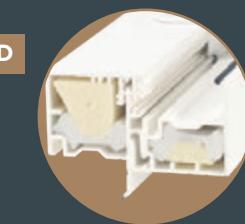
B

Left and right pull rails for ease of operation



C

Ventilation limit latches



D

Interforce II™ fiberglass-reinforced sash meeting rails on units configured with optional Premium Series Energy Packages



700 CASEMENT & AWNING

700 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 Dual wall flush fin for enhanced strength and enduring beauty
- 2 Sleek fold-down and nesting crank handle minimizes interference with window treatments
- 3 Dual row of weatherstripping seals out the weather and seals in your comfort
- 4 Energy-efficient Warm Edge insulating HP glass reduces energy cost and reduces fabric fading; optional Warm Edge+ spacer system for enhanced performance
- 5 Multi-point lock with stainless steel hardware and fasteners for durability and added security
- 6 Maintenance-free multi-chamber PVC vinyl construction with fusion-welded corners for durability, weather-tight performance and beauty
- 7 $3\frac{7}{16}$ " frame depth with heavy vinyl walls for strength and stability
- 8 Rated for light commercial application



A
Fusion-welded strength



B
Folding/nested operator handle



C
Matching lock features a sleek operating design



700 BAY WINDOWS

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

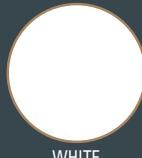


FEATURES

- 1 Frame types include no fin or nail fin with $1\frac{3}{8}$ " setback with optional head and seat with jamb extensions¹
- 2 Sleek fold-down and nesting crank handle minimizes interference with window treatments
- 3 Dual row of weatherstripping seals out the weather and seals in your comfort
- 4 Energy-efficient Warm Edge insulating HP glass reduces energy cost and reduces fabric fading; optional Warm Edge+ spacer system for enhanced performance
- 5 Multi-point lock with stainless steel hardware and fasteners for durability and added security
- 6 Maintenance-free multi-chamber PVC vinyl construction with fusion-welded corners for durability, weather-tight performance and beauty
- 7 $3\frac{7}{16}$ " frame depth with heavy vinyl walls for strength and stability



Color Options



WHITE



BEIGE

Bay windows available in white and beige. Available with or without head, seatboard and extension jambs which come unfinished.



EXTERNAL KNEE BRACES

- 1 Provides exterior support for bay windows¹
- 2 Available in white and beige
- 3 Pre-finished to be maintenance free

1. Additional knee braces and cable system are required for bay window installation when head and seatboard with extension jamb options is selected. Failure to properly support a bay window will void the warranty.



700 BOW WINDOWS

700 BOW WINDOWS. Custom made with every detail in mind, our bow windows offer an array of designer accessories with endless design options. Bows available in 3, 4 or 5 window configurations.



FEATURES

- 1 Frame types include no fin or nail fin with $1\frac{3}{8}$ " setback with optional head and seat with jamb extensions¹
- 2 Sleek fold-down and nesting crank handle minimizes interference with window treatments
- 3 Dual row of weatherstripping seals out the weather and seals in your comfort
- 4 Energy-efficient Warm Edge insulating HP glass reduces energy cost and reduces fabric fading; optional Warm Edge+ spacer system for enhanced performance
- 5 Multi-point lock with stainless steel hardware and fasteners for durability and added security
- 6 Maintenance-free multi-chamber PVC vinyl construction with fusion-welded corners for durability, weather-tight performance and beauty
- 7 $3\frac{7}{16}$ " frame depth with heavy vinyl walls for strength and stability



Color Options



WHITE



BEIGE

Bow windows available in white and beige. Available with or without head, seatboard and extension jambs which come unfinished.



EXTERNAL KNEE BRACES

- 1 Provides exterior support for bow windows¹
- 2 Available in white and beige
- 3 Pre-finished to be maintenance free

1. Additional knee braces and cable system are required for bow window installation when head and seatboard with extension jamb options is selected. Failure to properly support a bow window will void the warranty.



400 GARDEN WINDOW

400 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.



FEATURES

- 1 No fin or flange-style nail fin with unfinished seatboard²
- 2 New Generation uiPVC vinyl never needs painting or caulking and resists conducting heat and cold
- 3 Durable powder-coated steel wire shelf maximizes the area for your herb garden and plants
- 4 Operating single hung windows on each side allow for ventilation
- 5 Fusion-welded frames and sash for extra strength and dependable performance
- 6 Available in white or beige color options
- 7 Sloped top lite is only available with a dual pane insulated glass unit
- 8 Energy-efficient Warm Edge insulating HP glass reduces energy cost and reduces fabric fading; optional Warm Edge+ spacer system for enhanced performance



Color Options



WHITE



BEIGE

Garden windows available in white and beige. Seatboard comes unfinished.



EXTERNAL KNEE BRACES

- 1 Provides exterior support for garden windows²
- 2 Available in white and beige
- 3 Pre-finished to be maintenance free



1000 SLIDING PATIO DOOR

1000 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 2, 3 and 4 panel operating units as well as complementary side lites and transoms.



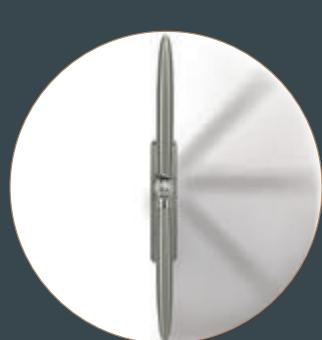
The EuroGlide operating system literally lifts the door panel off the sill to allow the door to glide effortlessly with the push of one finger.

FEATURES

- 1 Energy-efficient Warm Edge insulating tempered HP glass reduces energy cost and reduces fabric fading; optional Warm Edge+ spacer system for enhanced performance
- 2 Custom-fit interlock system provides extra protection against air infiltration for enhanced energy performance
- 3 Handle literally lifts the door panel off the sill when rotated 180°
- 4 Ball bearing roller system enables a door weighing up to 550 lbs. to glide smoothly with just the push of a finger
- 5 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
- 6 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
- 7 Constructed of New Generation uiPVC vinyl for enduring beauty with fusion-welded panels for added strength and durability



Multi-position optional footbolt



Moving the handle 180° actually lifts the door off the sill, enabling it to glide effortlessly.

HARDWARE FINISHES²



WHITE



SATIN NICKEL



ANTIQUE BRASS



OIL-RUBBED

1. Most 6' sliding doors meet a Design Pressure (DP) rating of 50, and most 8' sliding doors meet a Design Pressure (DP) rating of 45.
2. White hardware is default on white 1000 sliding patio doors; antique brass hardware is default on beige and wood grain 1000 sliding patio doors.



960 INSWING HINGED PATIO DOOR

960 INSWING HINGED PATIO DOORS. Elegantly appointed and highly customizable, our energy-efficient patio doors are as durable and dependable as they are aesthetically delightful. They seal out heat, cold, water and intruders, yet give you a stylish look that's second to none.



FEATURES

- 1 Dual wall flush fin for enhanced strength and enduring beauty (shown with no fin)
- 2 Maintenance-free multi-chamber New Generation PVC vinyl construction with fusion-welded corners for durability, weather-tight performance and beauty
- 3 Available configurations include French hinged, center hinged or hinged (shown) operation
- 4 High-performance multi-point locking system that includes a steel latch and dead bolt and shoot bolt in the head and threshold – withstands up to 300 lbs. of force
- 5 Energy-efficient Warm Edge insulating tempered HP glass reduces energy cost and reduces fabric fading; optional Warm Edge+ spacer system for enhanced performance
- 6 Heavy-duty two-way adjustable hinges allow for ease of installation and ensure proper alignment
- 7 4^{13/16}" frame depth with heavy vinyl walls for strength and stability
- 8 Anodized aluminum threshold cover



Exterior keyed lock

Interior lock

HARDWARE FINISHES²



1. Units up to 5980 are rated DP25 standard. 2. White hardware is default on hinged patio doors that are all white (interior & exterior). Rustic umber hardware is default on all other interior/exterior color combinations (including earthtone exterior with white interior) or wood grain interior hinged patio doors.



960 OUTSWING HINGED PATIO DOOR

960 OUTSWING HINGED PATIO DOORS. It's time you treated yourself to a beautifully appointed patio door. You can select from a host of unique features that add to the ambiance of your space, but the enduring beauty of the door, energy-efficient technology and heavy-duty performance all come standard.



FEATURES

- 1 Dual wall flush fin for enhanced strength and enduring beauty (shown with no fin)
- 2 Maintenance-free multi-chamber New Generation PVC vinyl construction with fusion-welded corners for durability, weather-tight performance and beauty
- 3 Available configurations include French hinged, center hinged or hinged (shown) operation
- 4 High-performance multi-point locking system that includes a steel latch and dead bolt and shoot bolt in the head and threshold – withstands up to 300 lbs. of force
- 5 Energy-efficient Warm Edge insulating tempered HP glass reduces energy cost and reduces fabric fading; optional Warm Edge+ spacer system for enhanced performance
- 6 Heavy-duty two-way adjustable hinges allow for ease of installation and ensure proper alignment
- 7 4^{13/16}" frame depth with heavy vinyl walls for strength and stability
- 8 Anodized aluminum threshold cover



Exterior keyed lock

Interior lock

HARDWARE FINISHES²



1. Units up to 5980 are rated DP25 standard. 2. White hardware is default on hinged patio doors that are all white (interior & exterior). Rustic umber hardware is default on all other interior/exterior color combinations (including earthtone exterior with white interior) or wood grain interior hinged patio doors.

ARCHITECTURAL SHAPES



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



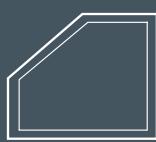
Hexagon



Extended Hexagon



Trapezoid Left or Right



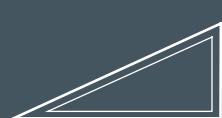
Clipped Trapezoid



Pentagon



Pentagon Equilateral



Right Angle Triangle



Isosceles Triangle

Availability of specific shapes limited by size of unit and frame type. For your specific application consult with your Ply Gem Windows sales representative.

CUSTOMIZE YOUR VIEW

From the road and from within your home, windows tell a story. Every choice adds distinction: from the wood grain or solid colors that surround each window to the grille styles and patterns. 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.

*SDL available on casements, awnings, bays, bows and hinged patio doors. SDL is not available with wood grain interiors nor with sandstone or earthtone exterior colors.



5/8" Flat GBG



5/8" Sculptured
GBG



1" Sculptured
GBG



7/8" SDL*



1 1/4" SDL*

GBG = Grilles-between-the-glass
SDL = Simulated-divided-lites

COLOR OPTIONS*

NATURAL OAK WOOD GRAIN

INTERIOR



EXTERIOR



COLONIAL CHERRY WOOD GRAIN

INTERIOR

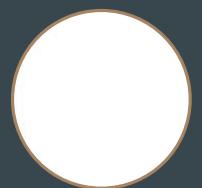


EXTERIOR



WHITE

INTERIOR

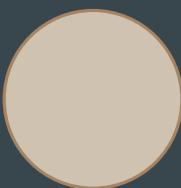


EXTERIOR



BEIGE

INTERIOR



EXTERIOR

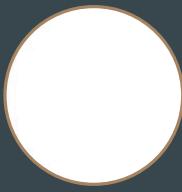


Colors are reproduced as accurately as printer technology allows.
Please see your authorized Ply Gem Windows representative for actual samples.

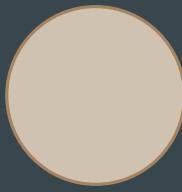
*Unless noted otherwise on product page.

‡ Earthtone/Natural Oak is not available on Premium 1000 Sliding Patio Doors.

HARDWARE FINISH OPTIONS¹



WHITE



BEIGE²



SATIN NICKEL



ANTIQUE BRASS



OIL-RUBBED



RUSTIC UMBER³



MATTE BLACK³

1. Window Finishes: White hardware is default on white windows; beige is default on beige windows; antique brass is default on wood grain windows. Optional finishes are satin nickel, antique brass and oil-rubbed bronze. Metallic finishes available on sliding windows as of mid-December 2010.

Sliding Patio Door Finishes: White hardware is default on white doors; antique brass is default on beige and wood grain interior sliding patio doors.

Optional finishes are satin nickel, antique brass and oil-rubbed bronze.

Hinged Patio Door Finishes: White hardware is default on all patio doors that are all white (interior & exterior). Rustic umber hardware is default on all other interior/exterior color combinations (including earthtone exterior with white interior or wood grain interior hinged patio doors).

2. Beige hardware is only available on windows.

3. Rustic umber and matte black finishes are only available on hinged patio doors.

GLASS OPTIONS

- Low-E
- Low-E^{SC}
- Low-E2
- Low-E₂^{MAX}*
- Low-E₃^{MAX}*
- HP
- HP^{SC}
- HP2+
- HP₂^{MAX}*
- HP₃^{MAX}*
- Clear
- Tinted
- Obscure[‡]
- Glue Chip Obscure
- Tempered
- Laminated
(security)
- Sound Package
(off-set glass)

* See page 6 for explanation of glass packages. Low-E₂^{MAX}, Low-E₃^{MAX}, HP₂^{MAX} and HP₃^{MAX} are not available on all products, see product pages for details. Contact your Ply Gem sales representative for a full list of Premium Series glass thickness options and ratings.

‡ Limitations of triple pane obscure substitutions, see price book for details



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.

FRAME OPTIONS

Dual wall flush fin, single wall flush fin, no fin, 1³/₈" nail fin setback with stucco key or J-channel. Consult a Ply Gem Windows representative for specific frame options for specific products in this brochure.

WHAT IS LOW-E?

Low-E glass has a secondary, very thin metallic dual layer coating. This allows the sun's heat and light to pass through the insulating glass, but, at the same time, actually works to reflect radiant heat back toward its source. Since Low-E coating reflects radiant heat waves, it helps keep your home warmer in the winter by trapping radiant heat and cooler in the summer by blocking it from your home.



NATURAL LIGHT WITHOUT THE GLARE.

Ply Gem's Low-E glass has many advantages such as minimal visible darkening. Our glass minimizes interior glare, reducing eyestrain and making it easier to watch television or look at a computer screen when bright sunlight fills a room.

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:

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 SCREEN¹

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

1. Doors only.

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 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.



TRADITIONAL SIZING

Ply Gem windows and patio doors can be ordered in industry standard sizes used for vinyl windows, which is ideal for new construction projects or replacing standard-size units quickly and easily.



INTERFORCE II™

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



DP CERTIFIED

Ply Gem windows are tested to meet the air, water and structure requirements of AAMA/WDMA 101/I.S.2. With advanced-level engineering and top-notch innovation, you are assured of the most durable, high-performing windows available nationwide.



R-CORE® INSULATION

The vinyl mainframes of Ply Gem Premium Series windows are filled with patented[†] 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 Energy Package upgrades feature R-Core in both the frame and sash for the ultimate in thermal performance.
[†]U.S. Patent Number: 4,516,356



WARM EDGE TECHNOLOGY

Standard 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

Optional Warm Edge Plus 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.



NEW GENERATION VINYL

Wood or metal windows can stick when they swell or deteriorate from corrosion. New Generation Vinyl withstands harsh weather as well as wear and tear better. Ply Gem Premium Series Replacement windows are constructed with rugged, maintenance-free New Generation uiPVC. 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.

PREMIUM SERIES REPLACEMENT

PREMIUM SERIES REPLACEMENT windows are available in sliding windows, picture, geometric, French hinged and standard hinged patio doors and combinations. A number of grilles and color options are available.

PREMIUM SERIES

REPLACEMENT WINDOWS





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For more information, call 888-9PLYGEM.

