

Windows inspired by you.

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SELECT YOUR GLASS ACCESSORIES HARDWARE COMBINATION WARRANTY





Which window is right for you?

That depends on the style of your home, the size of your budget and your own preferences. With Ply Gem, you can choose from a wide range of styles to meet your needs. To help stretch your budget while maintaining a consistent look, consider upgrading the windows in the front and choose less costly windows in the back that are identical on the interior. If you're looking for more colourful options, our aluminum clad windows offer a full spectrum of choices. Whatever inspires you, look to Ply Gem for solutions custom made for you.

4 steps to your **new windows.**

Choosing new windows doesn't have to be complicated. Budget and colour will influence your choice of vinyl or clad windows. The design of your home will help determine the style you select. Light and climate conditions will help you choose the best glass option. After that, you can customize the look with grilles and hardware.

Choose frame material.

- Vinyl Our vinyl windows offer great value, energy efficiency and a lifetime of low-maintenance beauty.
- Clad Vinyl Our Design Series offers the beauty of aluminum on the outside with the energy efficiency and low maintenance of vinyl on the inside.
- Clad Wood Signature Series windows offer the natural beauty of wood on the inside and colourful, durable aluminum cladding on the outside.

Select your style.

Choose from six different styles: single hung, sliding, casement, awning, fixed and picture windows. Combinations with or without architectural shapes are also available. For an explanation of window styles, **see page 20**.

Get the **right glass for you.**

We offer several glass options to meet specific climate conditions. Choices include double- or triple-glazing tailored to your needs with LoĒ coatings and argon gas fill. In addition, we offer glass options for safety, privacy and sound control. **See page 28 for details**.

Add the finishing touches.

Grilles can turn a plain window into a stylish statement. Hardware finishes and trim options also play a part in your window's aesthetics. Explore your options on page 32.

Step 1

Choose frame material.

As one of Canada's top window manufacturers, we build quality into every product we make. Our vinyl windows feature sturdy, multi-chambered frames and sashes with welded corners. They never need painting or staining and are available in white or beige. For more exterior colour options, we also offer aluminum clad vinyl windows.

If you prefer a wood interior, our clad wood windows can be painted or stained to coordinate with your interior décor. They're protected from the weather by a durable exterior aluminum cladding.





Vista Series Vinyl

• Slimline design

See page 8

Vinyl

- Dual exterior glazed insulated glass
- Narrow sash design for maximum viewing area
- Common frame construction with continuous head and sill for a clean appearance

Comfort Series Vinyl

- Timeless design with highperformance options
- Triple exterior glazed insulated glass for energy
- Oversized frame designed
- Common frame construction with continuous head and sill for a clean appearance

See page 10



Classic Series

Premium design suited for a

- traditional home Dual interior glazed insulated glass
- Windows feature equal sightlines
- Pair with Enviro or Design Series for triple-glazed insulated glass and colour options

See page 12



Enviro Series Vinyl

- Energy saving, highperformance vinyl option, perfect choice for harsh climates
- Triple interior glazed insulated glass for energy efficiencyWide frame and equal
- sightlines
- Pairs well with Classic or **Design Series windows**

See page 14

Design Series **Aluminum Clad Vinyl**

- Contemporary, architectural desian
- Durable and colourful
- Available with Dual or Triple glazed insulated glass options
- with Classic or Enviro Series

Signature Series Aluminum Clad Wood

- Premium traditional wood design solution
- Durable, colourful extruded Aluminum exterior
- Beautiful interior craftsmanship with hem-fir wood
- Available with Dual or Triple exterior glazed insulated glass options

See page 18 windows inspired by you. | 7

See page 16

VINYL WINDOWS

Slimline design. Expanded view.

11

A clean, modern profile. Sturdy, steel-reinforced construction. A contemporary look built to last. Our Vista Series vinyl windows enhance any home at a price that fits any budget.

Vista Series



Standard Features

Seals out the elements

Tri-Fin weatherstripping prevents drafts, dust and moisture from getting in.

Smooth operation

Spring balance system makes opening and closing single-hung windows easy; holds sash open at any height.

Built-in security

Anti-lift sash on sliding windows prevents forced entry.

MATCHING PATIO DOOR



Exterior Frame Colours

Matching Hardware





Hardware available in White and Beige. See page 34 for details.

Colours are reproduced as accurately as printer technology allows.

Common Frame Construction

Vista windows have a common frame. Multi-lite windows feature a continuous head and sill design that provides a clean appearance and eliminates the need for mulls, which are susceptible to air and water penetration.



Steel-reinforced interlocking sashes ncrease structural integrity.







Triple-glazed for total comfort.

With sashes that accept full-size triple-glazed units, Comfort Series windows help keep your home cozy even in Arctic conditions. They're ideal wherever comfort and energy savings are paramount.

Comfort Series



Standard Features

Seals out the elements

Tri-Fin weatherstripping prevents drafts, dust and moisture from getting in.

Sturdy construction

Steel-reinforced interlocking sashes increase structural integrity, water resistance and wind load.

Smooth operation

Two sets of tandem rollers distribute weight of triple glazing to ensure sliding windows glide easily.

MATCHING PATIO DOOR



Exterior Frame Colours

Hardware **Colours**





Hardware available in 6 colours and finishes. See page 34 for details.

Colours are reproduced as accurately as printer technology allows.

Common Frame Construction

Comfort windows have a common frame. Multi-lite windows feature a continuous head and sill design that provides a clean appearance and eliminates the need for mulls, which are susceptible to air and water penetration.





Robust sash lock has a low profile design. (Dual locks are standard on bigger windows.)





Wider profile. Classic style.

Yesterday's wood windows tended to have wider frames than today's sleek vinyl windows. Our Classic Series windows recreate the traditional wider profile without the traditional maintenance.

Classic Series



Standard Features

Seals out the elements

Tri-Fin weatherstripping prevents drafts, dust and moisture from getting in.

Built-in security

Anti-lift sash on sliding windows prevents forced entry.

Energy-saving glass

Designed for double glazing, Classic Series windows can be tailored to your requirements.

MATCHING PATIO DOOR



Exterior Frame Colours

White Beige

Matching Hardware



Hardware available in White and Beige. See page 34 for details.

Colours are reproduced as accurately as printer technology allows.

Balanced views.

Classic single-hung and sliding windows have equal sight lines. It simply means the sashes are identical. (Casement and awning windows can be combined with fixed windows to create equal sight lines.)



Steel-reinforced interlocking sashes increase structural integrity.



For more colour, put Design Series clad windows out front. On the interior, they're identical to Classic Series windows.





A beautiful choice for harsh climates.

Our newest line of vinyl windows is designed for triple-glazing. A robust frame suits both traditional and modern style homes. Advanced engineering ensures year-round comfort.

Enviro Series



Standard Features

Seals out the elements

Tri-Fin weatherstripping prevents drafts, dust and moisture from getting in.

Secure locks

Casement and awning windows come standard with Truth Encore[®] multipoint locks.

Energy-saving glass

Designed for triple glazing, Enviro Series windows are also available with double-glazing designed for sound control.

MATCHING PATIO DOOR



Exterior Frame Colours



Hardware Colours



Hardware available in 6 colours and finishes. See page 34 for details.

Colours are reproduced as accurately as printer technology allows.

Accent your style

Grille patterns add character to a plain window. For grille options see page 32.



A single lever locks the window at multiple points for a tight, secure seal.



Our brickmould options allow you to trim your windows in style. For details, see page 33.





Make a **bold statement.**

These aluminum clad vinyl windows offer the best of both worlds: durable, colourful exteriors and low-maintenance vinyl interiors. They pair well with our double-glazed Classic or triple-glazed Enviro Series windows.

Design Series

Hardware Colours



Standard Features

Seals out the elements

Tri-Fin weatherstripping prevents drafts, dust and moisture from getting in.

Smooth operation

Spring balance system makes opening and closing single-hung windows easy; holds sash open at any height.

Energy-saving glass

Design Series windows are available with double- and triple-glazing. Insulated glass units with LoĒ and argon can be tailored to your requirements.

MATCHING PATIO DOOR



Interior Frame Colours



ECP ENHANCED COLOUR PROTECTION

An innovative Kynar^{*} coating helps protect our darker colours from fading and chalking. Colours are reproduced as accurately as printer technology allows.

Balanced views.

Design Series windows have balanced sight lines. It simply means the sashes on casement and picture combinations are balanced. Equal lite options are also available with fixed combinations.





Offered with a number of SDL, SML and in-glass grille options for architectural detail.



Signature Series

Traditional craftsmanship. Enduring beauty.

Signature Series windows are crafted from hem fir, selected for its strength and extraordinary beauty. The interior can be stained to bring out the fine grain or painted to match your décor. Aluminum cladding protects the exterior from moisture.

IN COMPANY

Signature Series

ALUMINUM-CLAD WINDOWS



Standard Features

Aluminum clad exterior

Durable extruded cladding brightens your home with an array of colours.

Weathertight construction

Mortise and tenon joints are sealed to prevent water and air infiltration.

Energy-saving glass

Signature Series windows are available with double- or triple-glazing. Insulated glass units with LoĒ and argon can be tailored to your needs.

MATCHING PATIO DOOR





Exterior Frame Colours



ECP ENHANCED COLOUR PROTECTION

An innovative Kynar^{*} coating helps protect our darker colours from fading and chalking. Colours are reproduced as accurately as printer technology allows.



A window for every view.



Single Hung

Single-hung windows have a fixed upper sash and a lower sash that slides vertically to allow ventilation. Popular for traditional homes.



Casement

Casements are hinged on one side and crank open to catch the breeze. They have a contemporary look and are a popular choice over kitchen counters.



Awning

Awning windows are hinged at the top and open outward. Placed high on a wall, they provide light and ventilation while maintaining privacy. Placed below larger fixed windows, they provide ventilation and deflect light rain.



Horizontal Slider

Horizontal sliding windows have one fixed sash and one sash that slides left or right. Popular for modern homes and where you don't want an open sash extending over a deck or patio.



Fixed Pane

Non-operating windows including picture windows and architectural shapes such as half-round, elliptical and trapezoid.



Combinations

Shapes such as arch-top windows can be combined over standard windows to create a distinctive look. Multiple windows can also be combined to create panoramic views and connect a room to the outdoors.

A Door that **fits your life**.

Sliding Patio Doors

Sliding patio doors are a good choice where floor space is limited. They provide light, expansive views and an easy transition between indoors and out.



2 Panel - Either panel can be active.



3 Panel Clad - Active outside panel (left or right)



3 Panel Vinyl - Middle panel active for vinyl series.



3 Panel Vinyl - Active outside panel (left or right) *Vista Series Vinyl Patio Door only



4 Panel - Both center panels are active.

Hinged Patio Doors

Hinged patio doors are either outswing or inswing and create an elegant gateway to the outdoors. Also available as a single panel door.



2 Panel Fixed - Either panel can be active, one panel is fixed.



2 Panel Double Door - Both panels can be active.



3 Panel - Any of the three panels can be active.

The perfect doors for our windows.

GROW

Our sliding patio doors are available in vinyl, clad vinyl and clad wood. (Clad-wood doors are also available as hinged French doors.) Designed to coordinate with our windows, they provide the perfect gateway between your indoor and outdoor living spaces.

Vista Series

VINYL PATIO DOORS



Like our vinyl windows, our vinyl patio doors are designed to make your home more beautiful and more comfortable.

Seals out the elements

Triple weatherstripping prevents drafts, dust and moisture from getting in. The vinyl welded common frame helps prevents air and water penetration.

Strong and secure

Interlocking stiles are reinforced with steel.

Large sizes

Available in 8-ft. height to accommodate taller ceilings. Wider 12-ft. panels available in 3- or 4-panel units.

In-Glass Blinds

An energy-efficient, attractive and easily maintained privacy option.

Frame **Colours**



Hardware **Colours**

Choose from three standard and 10 designer colours. See page 34 for details.

Colours are reproduced as accurately as printer technology allows. Toelock is optional for additional security.

Classic Series

VINYL PATIO DOORS

This sturdy wood frame sliding door is entirely clad in vinyl. It's one of the quietest, smoothest patio doors on the market.

Seals out the elements

Triple weatherstripping prevents drafts, dust and moisture from getting in

Strong and secure

Interlocking stiles are reinforced with steel. Features a mechanically fastened woodbuck frame.

Large sizes

Available in 8-ft. height to accommodate taller ceilings. Wider 12-ft. panels available in 4-panel units.

Frame Colours





Colours are reproduced as accurately as printer techno Toelock is optional for additional security.

Design Series

CLAD PATIO DOORS

Colours are reproduced

as accurately as printer

technology allows.

Get the best of both worlds

On the outside, extruded aluminum cladding ensures lasting beauty. On the inside, high performance vinyl offers a clean, low-maintenance look.

Sturdy construction

Multi-chamber, 100% PVC frame and sash with steel reinforcements ensure lasting beauty.

High efficiency glass

Designed for our northern climate, it increases comfort and lowers energy bills. LoĒ glazing ensures maximum energy rating.

In-Glass Blinds

An energy-efficient, attractive and easily maintained privacy option.

Matching Hardware



Matched hardware for both interior and exterior colours. See page 34 for details.

Interior

Colours

Exterior **Colours**





White

CLAD PATIO DOORS

Signature Series

Exterior Frame Colour



Hardware **Options**



Hinged patio door hardware available in a choice of styles and finishes. Sliding patio door hardware available in a variety of colours.

Beautiful any way you look at it.

On the outside, durable aluminum cladding is available in an array of colours. On the inside, the fine grain texture of hem fir can be stained or painted to match your décor.

Sliding patio door

Available in two styles: Narrow Rail $(2\frac{3}{4}"$ width stiles and rails) and Wide Rail $(4\frac{1}{2}"$ width stiles and top rail, $7\frac{1}{4}"$ width bottom rail).

Hinged patio door

Inswing or outswing styles in an elegant wide rail profile (4½" width stiles and top rail, 7¼" width bottom rail).

ECP ENHANCED COLOUR PROTECTION

An innovative Kynar^{*} coating helps protect our darker colours from fading and chalking. Colours are reproduced as accurately as printer technology allows.



Custom made for our Canadian climate.

When you live in a country as big as ours, climate conditions vary from wet to dry to extreme hot and cold. So we design our windows to fit the conditions where you live. Our vinyl windows have air pockets inside them that insulate like a parka. Welded corners ensure air and water never get through. Double- and triple-glazed glass packages can be tailored to your needs to make your home as cozy and energy efficient as possible.

What's your climate zone?

Ply Gem windows and patio doors can be configured to meet or exceed ENERGY STAR^{*} requirements for each climate zone. For ENERGY STAR ratings visit plygem.ca.





Triple-glazed **comfort.**

Our Comfort and Enviro Series are our most energy-efficient vinyl windows. Designed to accommodate a full-size triple-pane unit, they offer superior insulation values and provide the ultimate in comfort.

> 1st Pane | LoĒ Coating Argon Gas 2nd Pane | Clear Argon Gas 3rd Pane | Clear

Increase your energy efficiency with a second LoĒ coat. See page 29.

Built for peace of mind.

One way to recognize a well-made window is to look carefully at the warranty. We offer a Limited Lifetime Warranty on our units. Compare coverage with our competitors and you'll see why Ply Gem is the right choice for your home. Limited Lifetime

WARRANTY

The right glass for you.

Our energy-saving Eco Glass options keep summer heat out and winter heat inside the house. All come with argon gas between the panes to increase insulation values. In addition, different types of LoĒ coatings are applied to the glass for low, medium or high solar gain.

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What is LoĒ?

Low emissivity (LoĒ) coatings are applied to glass surfaces to reduce the transfer of heat through the window. High solar gain LoĒ lets more of the sun's heat pass into a room. Low solar gain LoĒ blocks more of the sun's heat.

ECO GAIN 180

High Solar Gain Glass

A great choice for our northern climate because it allows solar energy to pass through the glass to provide "free heat" in winter. LoĒ reflects heat back into the room, reducing home heating needs. Throughout the year, Eco Glass Gain 180 protects furnishings from fading and insulates against extreme temperatures.

Sunny or shady outlook?

South and west-facing windows get the most sunlight. If you want to take advantage of free heat from the sun, consider moderate or high solar gain glass in those locations. If glare is a concern, ask about our tinted glare control glass.

ECO SHIELD 270

Solar Control Glass

A good choice for variable climates. In summer, Eco Glass Shield 270 can reduce solar heat gain by 50% or more compared to ordinary glass. In winter, argon fill and LoĒ work together to maintain comfort and reduce energy needs. Throughout the year, Eco Glass Shield protects against fading without darkening your view.

ECO MAX SHIELD 366

Ultimate Performance Glass

This "spectrally selective" glass provides the highest level of comfort, energy savings and fade protection. Instead of one or two layers, the glass is coated with three layers of silver to block summer heat and retain your home's heat in winter – with no room-darkening tints and virtually no exterior reflectance.

Performance Ratings

Ply Gem manufactures windows and doors in Canada for the full range of environmental conditions our country can experience. We are the experts on how to select windows with NAFS Air/Water/Structural Ratings (AAMA/WDMA/CSA 101/I.S.2/A440, "NAFS - North American Fenestration Standard") and NFRC Certified energy ratings that are Building Code compliant for your conditions and geographic location, as well as the benefits of even more energy-efficient windows that can provide maximum value and comfort for your home. Contact your Sales Representative or Dealer to discuss how our products can be specified to meet or exceed Code requirements.



The higher the number, the better the glass is at blocking heat.





Higher numbers mean more heat gain in a home





Higher numbers mean more davlight can enter a room

Privacy Glass

















Arctic

Crossreed

Gluechip

Pinhead

Rain

1/2" Reeded

Satin Etch

Tinted Glass

Tinted glass provides privacy, glare control and a splash of colour.



Preserve[™] Protective Film NEAT[®] Glass





We help protect our windows and doors during transit and at the job site by applying a clear protective film on inner and outer glass surfaces. It eliminates masking and makes cleanup a snap. Simply peel it off to reveal spotless glass.



This special coating reacts with the sun's rays to loosen dirt so it rinses away when it rains. With NEAT, your windows will stay cleaner longer and be easier to clean. Available with Eco Shield and Max Shield glass.

Accessories

Grille Patterns & Colours



Interior (Vinyl)

Exterior (Vinyl)

Interior (Vinyl)

Exterior (Aluminum)

Interior (Wood) Exterior (Aluminum)

Exterior and interior materials and colours are matched to your windows.

GRILLES, BRICKMOULD, JAMB LINERS & SCREENS

Brickmould Options

Brickmould makes your windows appear more prominent and adds character to a home.

- New Construction brickmould has a nail fin for easy installation.
- Renovation brickmould has a removable cap and is available with a subsill or brickmould on all four sides.
- Rebate flush frame and stucco return frame styles are ideal for replacing aluminum sliders.



Colours are reproduced as accurately as printer technology allows.







Vinyl Brickmould Corner

Clad Brickmould Corner

Rebate Flush & Stucco Rebate Frame

	Vinyl	Clad Vinyl	Clad Wood
2" New Construction Brickmould	•		
2" 2-Part Renovation Brickmould	٠	•	•
1 ⁵ ⁄⁄ ₈ " 2-Part Renovation Brickmould	•		
Rebate Flush Frame	•		
Stucco Return Frame	•		

Vinyl New Construction brickmould available in white and beige only.

Screens

Screens for clad wood windows are available in seven colours plus stainable wood grain. (Vinyl windows, vinyl sliding patio doors and clad wood sliding patio doors come with matching screens.) Screen colour options for clad wood windows:

- Stainable
- Black
- Champagne
- Chestnut Bronze
- Brushed Chrome - Beige
 - White
- Gold



Jamb Liners

Jamb liners provide a clean transition between the window and interior trim. They cover the inside surface of the side jambs, the head jambs and sill. Available in vinyl, foam filled PVC, hem fir, oak or pre-primed wood in sizes to fit all wall depths.

A drywall return channel, which connects to drywall or plywood used as interior jamb on the window frame, is available in $\frac{1}{2}$ " and $\frac{3}{4}$ " sizes.



Hardware



Windows

Casement and awning windows feature matching handles and multi-point locks.



Sliding Patio Doors

Vinyl and Clad Wood sliding patio doors come standard with stylish Sonoma hardware in three colours. Sonoma white and beige are available with a keylock. Upgrade to Signature hardware for a choice of 5 designer colours which are available with a keylock. Colour matched (interior and exterior) Design Series handles come standard with Vinyl Clad sliding doors.

Design Series Handle

Sonoma Handle





Beige





Beige Black Black Brushed Chrome

Satin Nickel

Signature Handle

(\$\$)



Black

(\$)

White



Brushed

Chrome

(\$\$)



(\$\$)





Oil









Bronze

Oil

Rubbed

White



(\$\$)

WINDOWS, SLIDING PATIO DOORS & HINGED PATIO DOORS



Hinged Patio Doors

Door handles add the finishing touch to our Signature Series hinged patio doors. We offer high quality Truth Sentry[™] handles in a variety of attractive styles and finishes. Adjustable hinges in matching finishes are also available as an upgrade.



PVD Physical Vapor Deposition - PVD finish is extremely durable and environmentally-friendly. Colours and finishes are reproduced as accurately as printer technology allows.



You don't need big windows to make a big impression. We can combine standard size windows to create striking views and give you more options for ventilation and design.







Fixed Sash Group



Casement/Direct Set



Single Hung Group



Picture/Slider



Picture/Casement



Picture/Awning



Fixed Sash/Awning

The **Designed Exterior** Visualizer.



Ply Gem wants you to take an active role in planning the look of your home exterior. The Ply Gem Designed Exterior Visualizer on plygem.ca was designed for you to experiment with our different colours, textures and product lines. Create your custom home exterior that only you and Ply Gem, together - can produce.

www.plygem.ca

Mitten Siding & Accessories

Ply Gem Building Products is the Manufacturer and Distributor of Mitten Siding & Accessories. Mitten has 7 product categories designed to work together to create the home exterior of your dreams. Vinyl siding, Aluminum, Shake & Stone, Windows & Doors, Accents, Building Envelope and Tools & Equipment are available across Canada through our in-house distribution. To find a dealer near you visit www.mittensiding.com.



Entry Doors

Fiber Stain



- The beauty of traditional

- Can be stained or painted to

Fiber **Tuff**

E	ĺ	
	1	

- Smooth fiberglass door holds paint better than traditional wood doors
- Will not warp, rot or rustMore durable than wood
- Insulates up to six times better than wood doors
- A variety of flush and embossed panels available, many with glass options

Steel



- One of the most secure entry doors you can buy
- The steel skin prevents rotting, swelling and cracking
- Does not absorb moisture like wood so it holds paint longer for a bright entrance
- Helps insulate from heat, cold and outside noise

Create a custom look with decorative glass.

We offer dozens of ways to decorate your door with glass. From colourful tained glass to contemporary geometric designs, you'll find an extensive array of artistic looks to choose from.

Warranty

Ply Gem. Trusted by more builders **than any other window brand.**

Ply Gem is the number one provider of vinyl windows and doors for new homes across Canada. No other manufacturer produces more windows for more homes. And with a wide range to choose from, there's a Ply Gem window or door that's right for every home. Each is built with the same attention to quality that's been the hallmark of Ply Gem since 1947.



Peace of mind comes standard.

The quality of Ply Gem windows and doors is reflected in the warranty that backs them. We guarantee our glass units against failure for as long as you own your home. Other components in our vinyl windows and patio doors are covered for up to 20 years. Furthermore, if you sell your home coverage is transferable to the new owner for up to 10 years. So whether you're moving in or moving on, your investment is protected.





The Ply Gem Promise



Ply Gem is a 70-year leader in pioneering performance home exteriors, with a superior warranty for exactly the home you want for decades to come. For more information, visit plygem.ca









