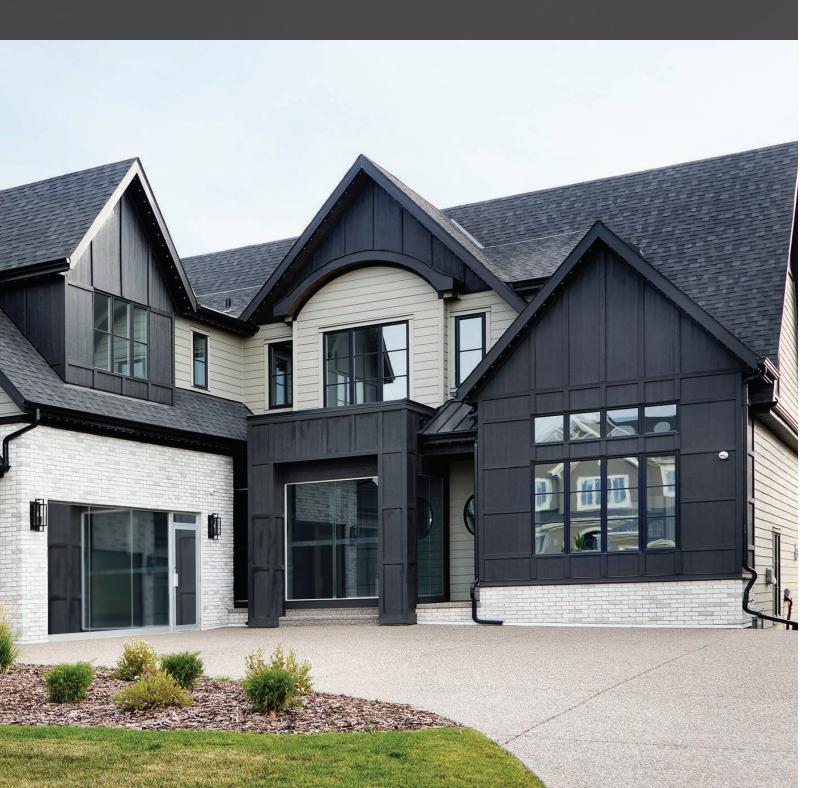


# Windows inspired by you.









# 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 Fusion Colour Wrap series or aluminum clad windows offer a wide 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 Comfort and Vista 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. Design Architectural Series offers an exterior & interior aluminum frame perfectly suited for today's modern style homes.
- 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 18.

3

### 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 24 for details.

4

### 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 28.

# New Advanced Slider

The new Comfort Advanced Slider and Design Advanced Slider are Ply Gem's highest performing slider to date. Offered in dual and triple glazing, these windows will offer all the options and accessories already available with the Comfort and Design series with enhanced performance features.

### Comfort Advanced Slider



#### **Product Options**

- Fusion Colour Wrap for exterior and interior application
- Ability to include grilles and Simulated Divided Lites
- Largest slider frame size available for unobstructed views
- Dual and Triple Glazed options available.

U-Values							
Profile	<b>High</b> TG 2: LoE 270/Arg/		<b>Lowest</b> DG: Clear/Air/LoE 180				
	Metric	Imperial	Metric	Imperial			
Comfort Advanced Vertical Slider	0.97	0.17	1.82	0.32			
Comfort Advanced Horizontal Slider	0.97	0.17	1.82	0.32			
Comfort Advanced Direct Set (Slider)	0.85	0.15	1.76	0.31			

#### **Performance**

- Water penetration resistance rated to 400 Pa
- Air Infiltration rates as A3 for horizontal slider and A2 for vertical slider
- Meets prescriptive energy efficiency requirements for BC markets with Triple Glazed windows with one coating of Exo Max Shield 366

### Design Advanced Slider



#### **Product Options**

- Aluminum clad exterior options
- Fusion Colour Wrap for interior application
- Ability to include grilles and Stimulated Divided Lites
- Largest slider frame size available for unobstructed views
- Dual and Triple Glazed options available
- Aluminum Clad metal sash for uniform look from the exterior

#### Performance

- Amazing product option for projects working toward net zero or passive house
- Water Penetration resistance rated 400 Pa
- Air Infiltration rates as A3 for horizontal slider and
   A2 for vertical slider

U-Values							
Profile	TG 2	<b>hest</b> : LoE r/Arg/LoE 180	<b>Lowest</b> DG: Clear/Air/LoE 180				
	Metric	Imperial	Metric	Imperial			
Design Advanced Vertical Slider	1.02	0.18					
Design Advanced Horizontal Slider	1.02	0.18	1.82				
Design Advanced Direct Set (Slider)	0.85	0.15	1.76				





#### Features & Benefits

- Multi-layered film is applied to vinyl using polyurethane reactive hot melt to create permanent bond between wrap and vinyl
- Easily withstands the most extreme heat and cold conditions
- Extremely resistant to scratches and abrasions
- Unaffected by environmental pollutants
- Performs well in sea-side applications
- Dirt and grime are easily cleaned away using normal mild household cleaners
- Available on all our vinyl product lines and for interior application on our Design Series products

#### Frame Colour

Interior/Exterior











Colours are reproduced as accurately as printer technology allows.

A cost effective solution to add colour to the interior and exterior of vinyl windows and sliding patio doors

#### Structure of the exterior film Renolit Exofol FX



#### **Brickmould**

2" Renovation brickmould with subsill featuring removable cap to allow installation without disturbing exterior finishes.

Available on four sides or with subsill.

New construction brickmolds option has a nail fin for easy installation.

Rebate flush frame option is ideal for replacing aluminum sliders.



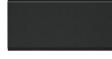
2" Brickmould with subsill

### **Simulated Divided Lites (SDL)**

Interior and exterior colours are matched to window or patio door.







2" SML



### Slimline design. Expanded view.

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.



### Standard Features

#### Seals out the elements

#### **Smooth operation**

#### **Built-in security**

### MATCHING PATIO DOOR



#### Frame Colours

Exterior/Interior



Colours are reproduced as accurately as printer technology allows.











### 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.



### 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



#### Frame Colours

Exterior/Interior







Interior
Paintable/

#### Hardware Colours



Hardware available in 2 colours and finishes. See page 30 for details

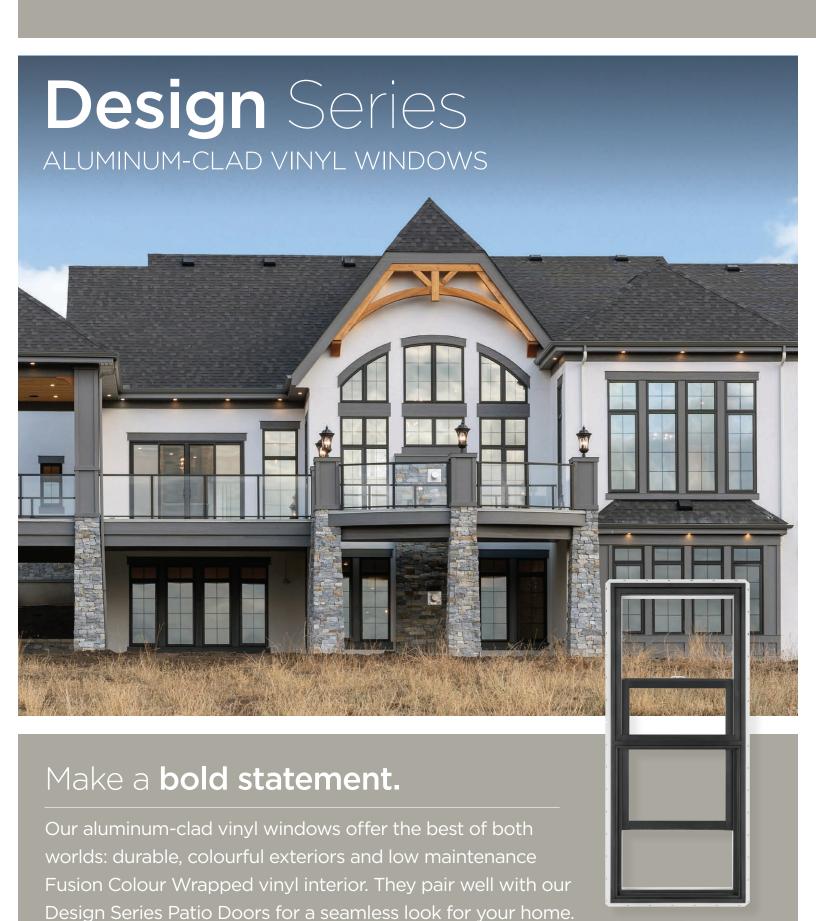
Colours are reproduced as accurately as printer technology allows.



#### **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.







#### 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 doubleand triple-glazing. Insulated glass units with LoĒ and argon can be tailored to your requirements.

#### Mbar Addition

Mullion or MBar profile in direct set and casement windows provides stronger frames and common frame configurations.



#### Hardware Colours



Hardware available in 3 colours and finishes. See page 30 for details

#### Interior Frame Colours











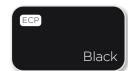


#### **Exterior Frame Colours**













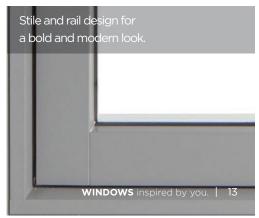
#### **ECP ENHANCED COLOUR PROTECTION**

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

### **Design Advanced Slider**

The new Design Advanced slider can accommodate frames up to 6 feet, so you never have to compromise your vision.





# Design Architectural Series

ALUMINUM-CLAD VINYL WINDOWS



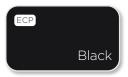
The Design Architectural Series window offers an exterior and interior extruded aluminum frame that allow for durable colour options perfectly suited for today's modern style homes and buildings.

### Design Architectural Series

ALUMINUM-CLAD WINDOWS



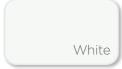
#### Interior Frame Colour



#### 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.

#### **Exterior Frame Colours**

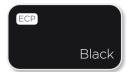












### Standard **Features**

### Fully extruded aluminum

Fully extruded aluminum components provide long lasting strength and beauty.

#### Energy efficiency

Vinyl Performance Core provides superior energy efficiency over traditional thermally broken products.

#### Structural mullions and continuous frames

Steel reinforced mullions provides structural integrity and continuous nailing fin and frame ensure a water tight frame.

#### MATCHING PATIO DOOR



### Contemporary Hardware

Proprietary hardware available in 2 colours



#### **Balanced Views**

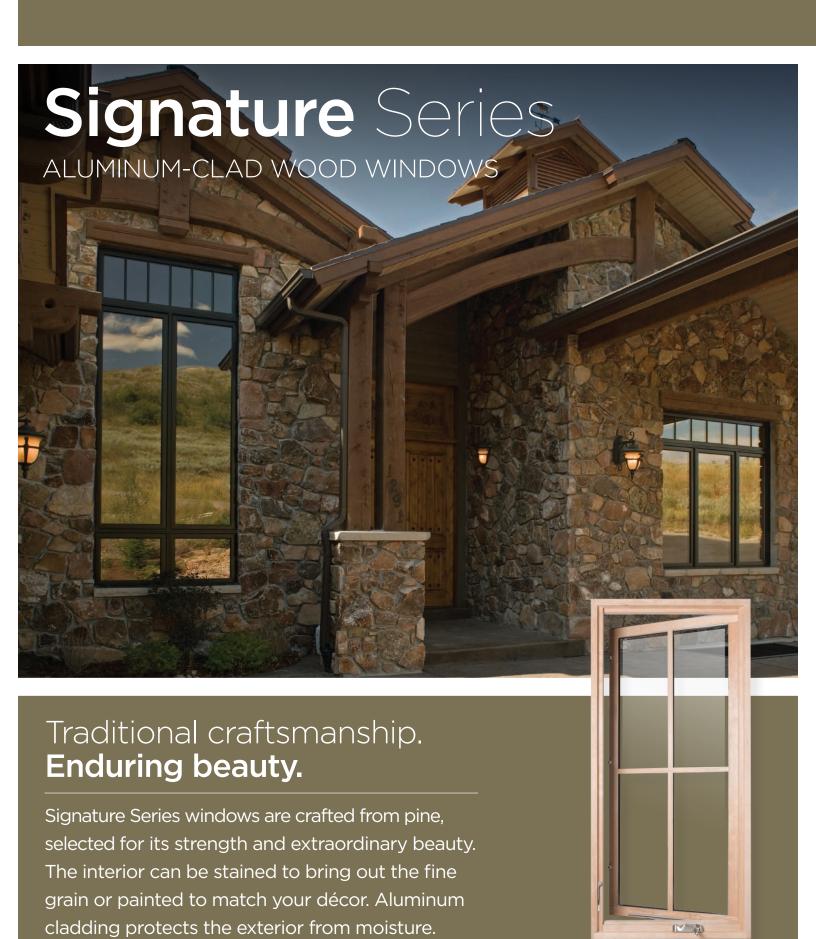
Design Architectural Series windows have balanced sight lines. It simply means the sashes on casement and picture combinations are balanced. Equal lite options are also available with fixed combinations.





Design Architectural windows are available with your choice of flush interior frame or with built in drywall return receptacle.







#### Standard Features

Aluminum clad exterior

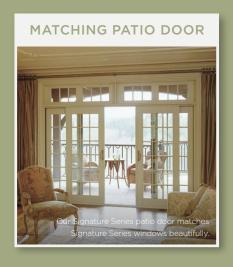
> Durable extruded cladding brightens your home with an array of colours.

Weathertight construction

Corner Key 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 LoE and argon can be tailored to your needs.

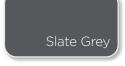




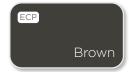
### **Exterior Frame Colours**

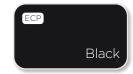












#### **ECP ENHANCED COLOUR PROTECTION**

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.



### Horizonta 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

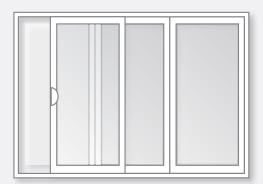
Sliding patio doors are a good choice where floor space is limited. They provide light, expansive views and an easy transition between indoors and out.



2 Panel - Either panel can be active.



3 Panel Vinyl - Middle panel active for vinyl series.



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



4 Panel - Both center panels are active.

### Hinged Patio Doors

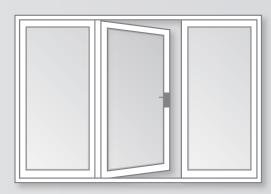
Hinged patio doors are either outswing or inswing and create an elegant gateway to the outdoors. Also available as a single panel door.



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. **WINDOWS** inspired by you. | 19



## **Comfort** 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

#### Large sizes

Available in 8-ft. height to accommodate taller ceilings. Wider 16ft. frames available in 4 - panel units

#### ► In-Glass Blinds

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

### Hardware

#### Colours

Choose from a variety of standard and designer colours. See page 30 for details

#### Frame Colours

Exterior/Interior











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

# Signature Series

#### WOOD PATIO DOORS

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 pine

#### Sliding patio door

Available in wide rail (4-1/2" width stiles and top rail, 7-1/4" width bottom rail).

#### Hinged patio door

Inswing or outswing styles in an elegant wide rail profile (4-1/2" width stiles and top rail, 7-1/4" width bottom rail).

#### Frame Colours





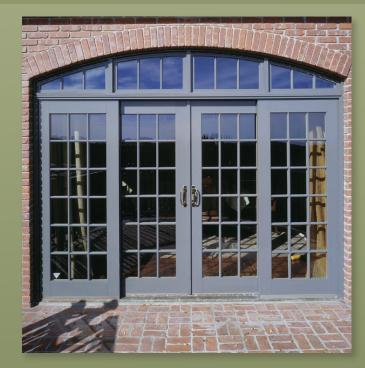








Colours are reproduced as accurately as printer technology allows. Toelock is optional for additional security.



## **Design** Series

#### CLAD PATIO DOORS

#### Design Series

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.

#### 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.





### Matching **Hardware**



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



#### **Exterior Colours**



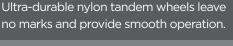








#### Interior Colours



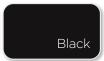














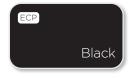
# Design Architectural Series

#### Exterior Frame Colour







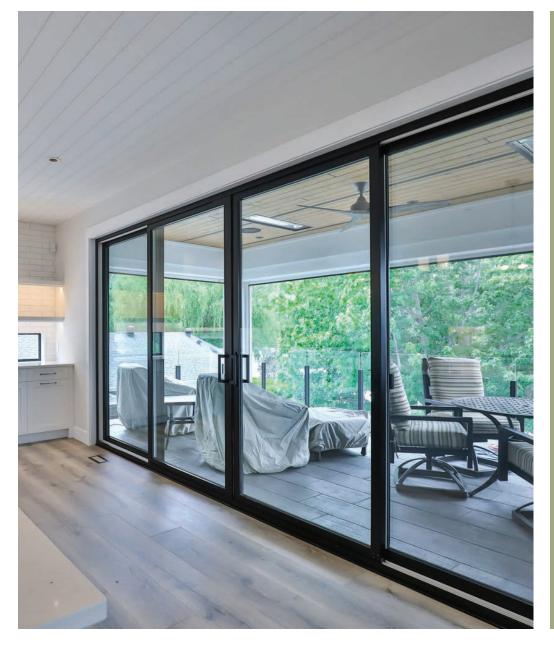


#### **ECP ENHANCED COLOUR PROTECTION**

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

#### Interior Frame Colour





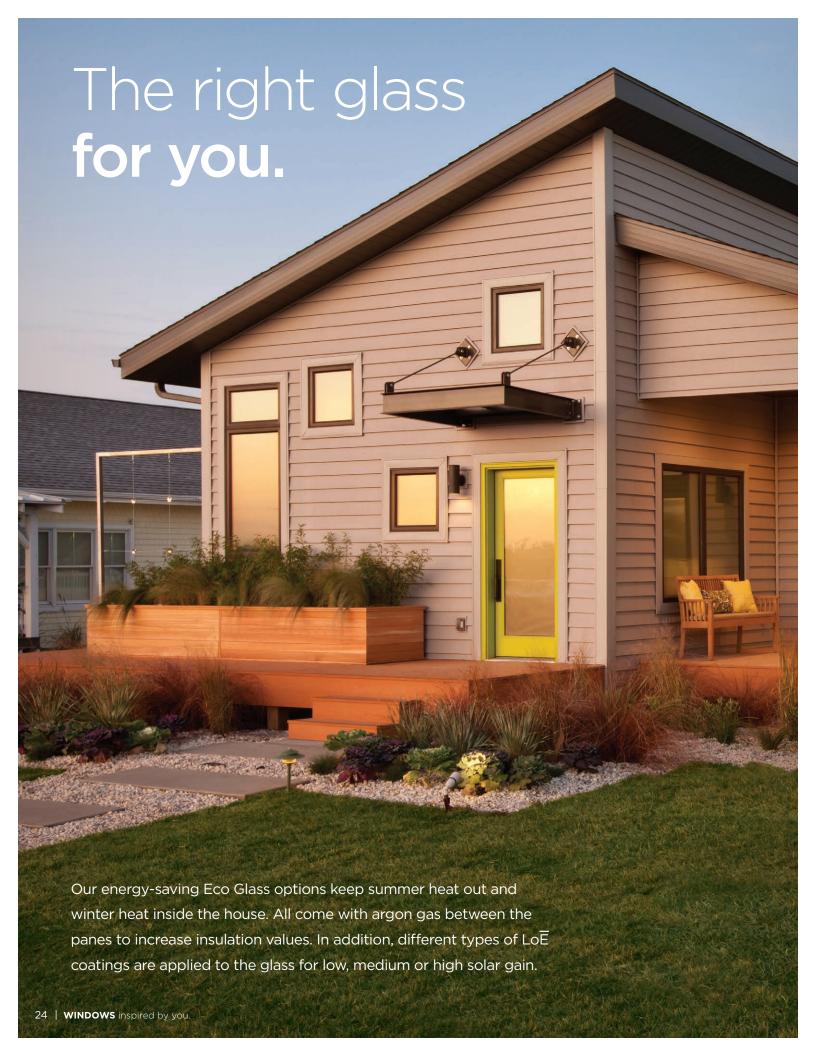
#### Hardware **Options**



#### Design **Architectural** Series

#### ▶ Beautiful any way you look at it.

#### Sliding patio door



### What is LoE?

glass surfaces to reduce the gain Lo blocks more of

### **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.



### 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.

### Sunny or shady outlook?

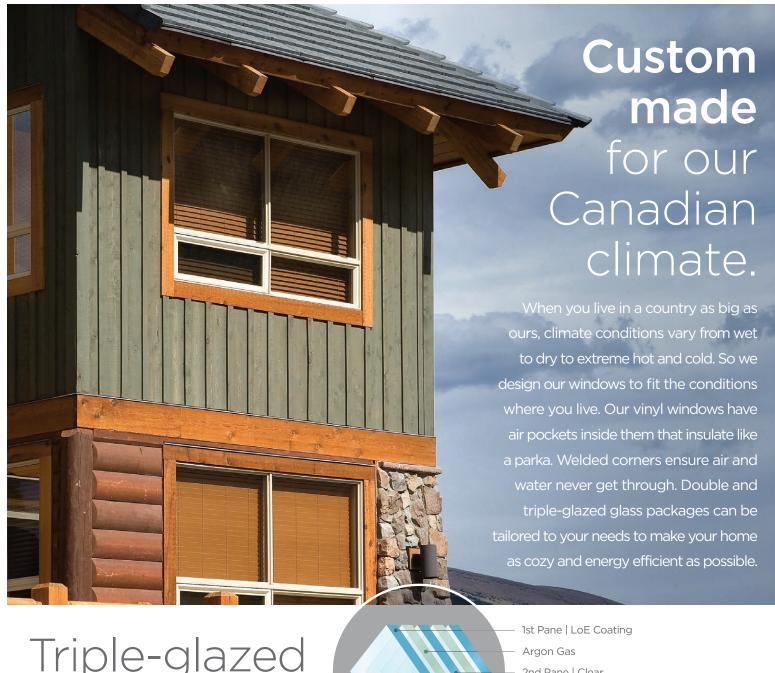
South and west-facing windows get the most sunlight. If you want to take advantage of free heat from the sun, consider moderate or high solar gain glass in those locations. If glare is a concern, ask about our tinted glare control glass.

Speak to a Ply Gem associate for more information.

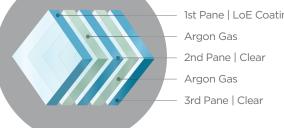
### **ECO MAX SHIELD 366**

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.



# Triple-glazed comfort.



Increase your energy efficiency with a second LoE coat. See page 25.

Our Comfort 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.



### 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.

# Privacy Glass

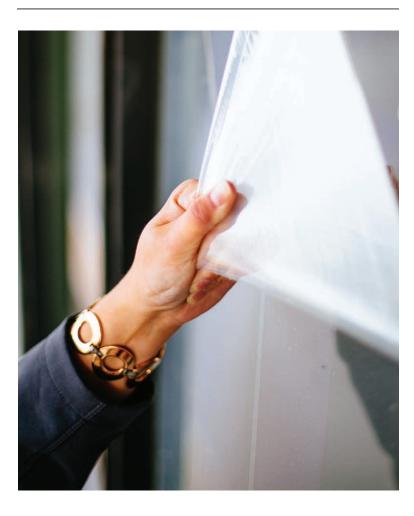
### Tinted Glass Tinted glass provides privacy, glare control and a splash of colour.







### Preserve<sup>™</sup> Protective Film NEAT® 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.



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.



Satin Etch



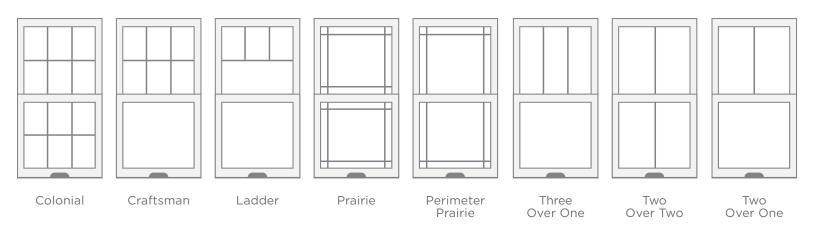
Pinhead



Rain

## Accessories

### Grille Patterns & Colours



#### In-Glass Grilles

These are installed between the glass panes. You'll never have to clean them.



AVAILABLE	AVAILABLE COLOURS						
SIZES	WHITE	BEIGE	BLACK	BROWN	GREY	BLACK/WHITE	
1" FLAT GRILLE	•	•	•				
%" FLAT GRILLE	•	•	•	•	•	•	
5/16" FLAT GRILLE	•	•	•		•		

#### Simulated Divided Lites (SDL)

These are installed on the outer glass surfaces to simulate the look of divided panes.



#### 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.









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	•	•	•
REBATE FLUSH FRAME	•		
STUCCO RETURN FRAME	•		

Vinyl New Construction brickmould available in white, beige and black only.

### Screens

Colours are reproduced as accurately as printer technology allows.

SERIES	WHITE	BLACK	QUARTZ GREY	SLATE GREY	BROWN	PAINTABLE/ STAINABLE	CLEAR ANODIZED	BEIGE	BRONZE
VISTA WINDOWS	•								
COMFORT WINDOWS	•	•	•						
DESIGN WINDOWS	•	•	•						
DESIGN ARCHITECTURAL WINDOWS		•							
SIGNATURE WINDOWS	•	•				•		•	•
COMFORT PATIO DOORS	•	•	•						
DESIGN PATIO DOORS		•		•	•		•	•	
DESIGN ARCHITECTURAL PATIO DOORS		•		•	•		•		
SIGNATURE 670 PATIO DOORS	•	•				•		•	•

### 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, pine, 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 ½" and ¾" sizes.





## Hardware



### Windows

Casement and awning windows feature multi-point locks in 3 stylish colours.



White



Black



Brushed Chrome\*

(\* indicates additional cost)

### Sliding Patio Doors

Vinyl and Clad Wood sliding patio doors come standard with stylish Sonoma hardware in two colours. Upgrade to Signature hardware for a choice of 2 designer colours which are available with a keylock. Design Series handles come standard with Vinyl Clad sliding doors.

#### Sonoma Handle



White

#### Signature Handle

#### **Design Series** Handle







Chrome

Available on Design and Design Architectural Series Patio Doors







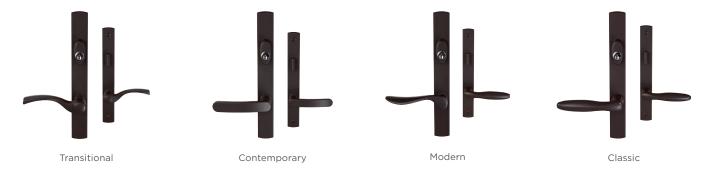
Optional keylock available in all handle types\*

### 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.



#### **Painted** Finishes



#### Plated Finishes\*



Chrome

Bronze





















For more information visit plygem.ca



