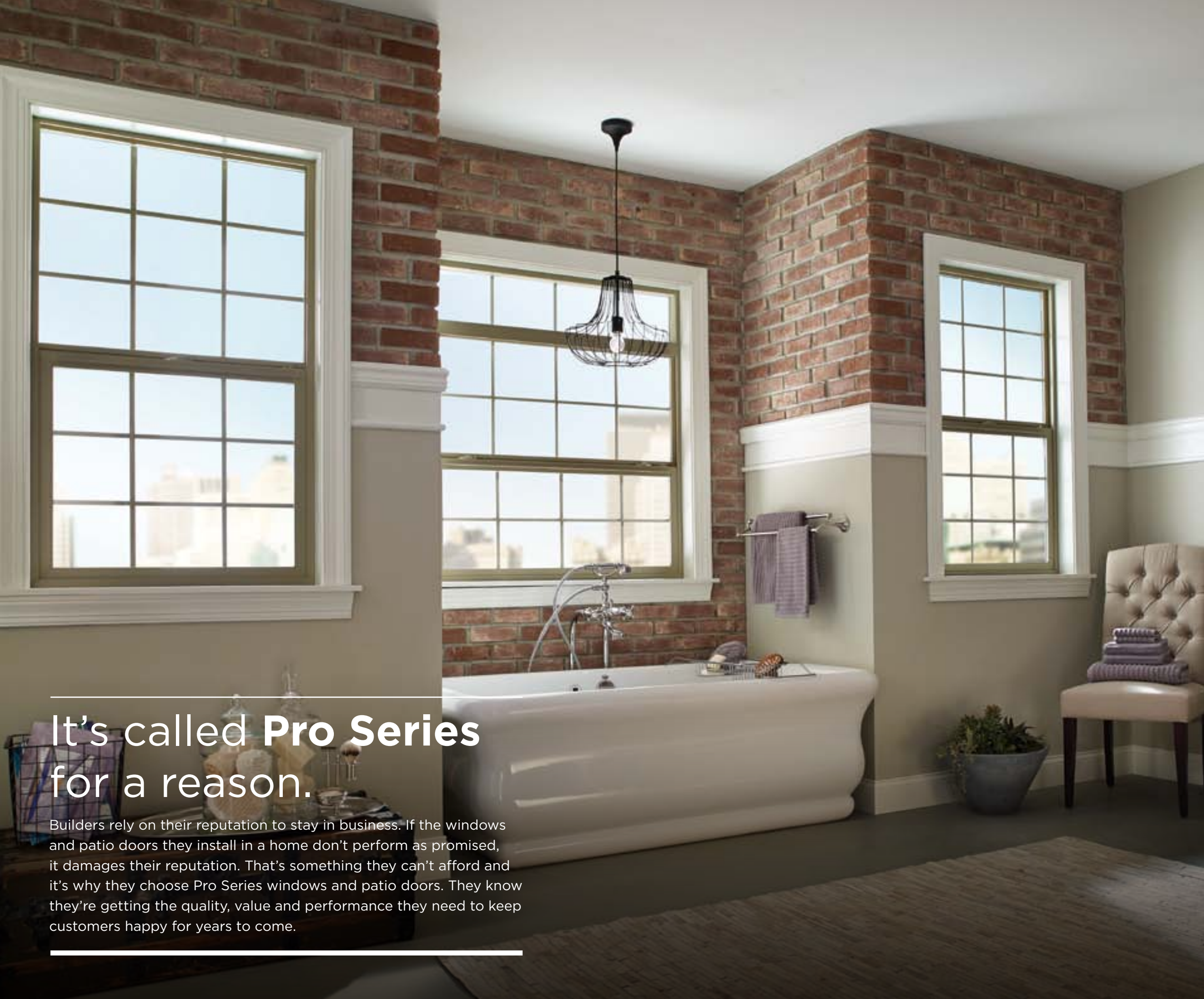


# Windows

inspired by you.





## It's called **Pro Series** for a reason.

Builders rely on their reputation to stay in business. If the windows and patio doors they install in a home don't perform as promised, it damages their reputation. That's something they can't afford and it's why they choose Pro Series windows and patio doors. They know they're getting the quality, value and performance they need to keep customers happy for years to come.

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# Why do more building pros prefer Pro Series windows & patio doors?



## Custom sizes. Easy installation.

In addition to standard sizes, Pro Series windows and doors can be ordered in 1/8" increments. An integral pre-punched nailing fin makes installation quick and accurate.

## Even the frames are insulated.

Inside our vinyl frames are dozens of air chambers. They work like air pockets in a parka to increase comfort and reduce energy needs.



## No peeling. No painting. No problems.

Our vinyl windows never need painting. The colour is blended into the vinyl and formulated to prevent fading and heat build-up. And because vinyl doesn't absorb moisture, our windows won't swell and stick like traditional wood windows.



## Designed for our Canadian climate.

Pro Series windows are available with double- or triple-glazing and meet strict ENERGY STAR® standards for Canadian climate zones.



## Built to last and backed for life.

Sashes and frames are fusion-welded to create solid, one-piece units that maintain their strength. In fact, we put it in writing with a best-in-class Limited Lifetime Warranty that can be transferred to the next owner if you sell your home.





# Single-Hung Windows

Our 200 Single-Hung Window combines energy-efficient performance with traditional style. Top and bottom sashes have unequal sight lines to allow more light in and provide wider views out. A host of advanced features help save energy and increase comfort.

## features

- ▶ Cam-action locks and continuous weatherstripping seal out the elements
- ▶ Optional AutoLock automatically locks the window when it's shut
- ▶ Meeting rail is reinforced with aluminum for security and stability
- ▶ Bottom side-loading sash is removable to make cleaning easy
- ▶ Sash stops allow ventilation while preventing window from being fully opened

Cam-action sash lock    Optional AutoLock    Sash stop



# Sliding Windows

With unequal sight lines, our 200 Sliding Window has a contemporary look. It's a popular choice over a bath, above a bed or in other hard-to-reach spots. Combined with picture windows, it becomes the main attraction in a room with a view.

## features

- ▶ Wide brass adjustable rollers distribute weight for smooth, gliding action
- ▶ Cam-action locks ensure a weathertight seal; optional AutoLock automatically locks the window when it's shut
- ▶ Meeting rail is reinforced with aluminum for security and stability
- ▶ Operating sash is removable to make cleaning easy
- ▶ Sash stops allow ventilation while preventing window from being fully opened



Cam-action sash lock



Sash stop





# Awning Windows

Awning windows are hinged at the top and open outwards. Our 700 Awning lends a studio sensibility to a room and suits both traditional and contemporary homes. You can leave them open to let fresh air in even during a light rain—ideal for our wet climate.



Multi-point sash lock



Sleek fold-down & nesting hardware

## features

- ▶ Multi-point lock enhances security
- ▶ Dual weatherstripping seals out the elements
- ▶ Nesting crank handle folds out of the way of window treatments
- ▶ Stainless steel hardware and fasteners resist corrosion
- ▶ Available in single, triple and quad units



# Casement Windows

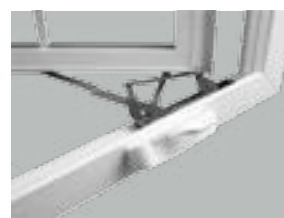
Our 700 Casement Window opens out to catch the breeze but shuts tight when bad weather approaches. With its easy-to-operate crank handle, it saves having to reach over a sink or furniture just to open and close a window.

## features

- ▶ Multi-point lock enhances security
- ▶ Dual weatherstripping seals out the elements
- ▶ Nesting crank handle folds out of the way of window treatments
- ▶ Stainless steel hardware and fasteners resist corrosion
- ▶ Available in single, triple and quad units



Multi-point sash lock



Sleek fold-down & nesting hardware







# Sliding Patio Door

Our 960 Sliding Patio Door offers elegant passage to your deck or patio. When you're juggling plates for outdoor dining, it opens effortlessly on stainless steel rollers. When foul weather comes knocking, heavy-duty weatherstripping and insulated glass seal out the elements. Available in two-, three- and four-panel configurations, it's the one door fit for any size patio.

## features

- ▶ Durable stainless steel rollers ensure smooth operation
- ▶ Multi-point lock provides security:
  - two-point lock standard on 2- and 3-panel doors
  - four-point lock standard on 4-panel doors
  - additional shoot bolt on 4-panel doors enhances security
- ▶ Anodized aluminum threshold cover withstands weather and daily wear



### Standard Handle Colour



White

### Optional Interior Handle Colours



Antique Brass



Oil Rubbed Bronze



Satin Nickel

# Glass Options

Pro Series windows can make a big difference in the comfort and quiet of a home. In addition, they can reduce energy needs and protect furnishings from fading. When deciding which glass package is right for you, take into consideration your climate conditions, window orientation and local building codes. With a full range of glass packages to choose from, we can put together the perfect window for you.

## Solar Cooling (SC)

Glass packages are designed for hot southern climates.

## Interior Surface (IS)

Low-E is applied to the glass surface facing your home's interior. It helps prevent heat loss in winter.

# Specialty Glass

## Sound Package

Glass panes are off-set to muffle mowers, sirens, airplanes, traffic and other outside noise

## Laminated

Designed for storm-prone areas, it resists impact without shattering

## Tempered

Up to five times stronger than typical window glass

## Privacy

Textured glass ideal for bathrooms

## Tinted

Coloured glass used for privacy, heat reduction and decoration



**High Performance** glass units are double pane with Low-E and argon between the panes.

## All Climates

**HP** One lite of Low-E reflects solar heat without blocking sunlight. Argon insulates year-round.

**HP2+** One lite of Low-E reflects the sun's heat. IS Low-E helps a home retain heat in winter. Argon insulates year-round.

## Warm Climate

**HP<sup>SC</sup>** Solar Cooling Low-E blocks heat and glare.



**High Performance<sup>MAX</sup>** glass units are triple pane with argon and Low-E. They're our most energy-efficient option.

## All Climates

**HP2<sup>MAX</sup>** Two lites of Low-E reflect solar heat and glare. Argon insulates year-round.

**HP3<sup>MAX</sup>** Two lites of Low-E reflect solar heat and glare. IS Low-E helps retain heat in winter. Argon insulates year-round.



## WARM EDGE SPACERS

To provide superior insulation values, Warm Edge spacers come standard with Pro Series windows and doors. Warm Edge+ spacers are available as an upgrade for even better insulation performance.

# Performance Ratings

## PRO SERIES 200 SLIDING & SINGLE HUNG

	NFRS CERTIFIED			
	R-Value	U-Factor	SHGC	VT
<b>WITH WARM EDGE</b>				
3/4" Clear	2.08	0.48	0.62	0.65
3/4" HP	3.23	0.31	0.29	0.55
3/4" HP <sup>SC</sup>	3.33	0.30	0.22	0.43
3/4" HP2+	3.70	0.27	0.27	0.49
1" HP2 <sup>MAX</sup>	4.17	0.24	0.25	0.42
1" HP3 <sup>MAX</sup>	4.35	0.23	0.22	0.41
<b>WITH WARM EDGE+</b>				
3/4" HP	3.33	0.30	0.29	0.55
3/4" HP <sup>SC</sup>	3.45	0.29	0.22	0.43
3/4" HP2+	3.85	0.26	0.27	0.49

## PRO SERIES 700 CASEMENT WINDOW

	NFRS CERTIFIED			
	R-Value	U-Factor	SHGC	VT
<b>WITH WARM EDGE</b>				
3/4" Clear	2.33	0.43	0.51	0.53
3/4" HP	3.45	0.29	0.24	0.45
3/4" HP <sup>SC</sup>	3.45	0.29	0.18	0.35
3/4" HP2+	4.00	0.25	0.22	0.40
1" HP2 <sup>MAX</sup>	4.35	0.23	0.21	0.35
1" HP3 <sup>MAX</sup>	4.76	0.21	0.18	0.32
<b>WITH WARM EDGE+</b>				
3/4" HP	3.57	0.28	0.24	0.45
3/4" HP <sup>SC</sup>	3.57	0.28	0.18	0.35
3/4" HP2+	4.17	0.24	0.22	0.40

## PRO SERIES 700 AWNING WINDOW

	NFRS CERTIFIED			
	R-Value	U-Factor	SHGC	VT
<b>WITH WARM EDGE</b>				
3/4" Clear	2.33	0.43	0.51	0.53
3/4" HP	3.45	0.29	0.24	0.45
3/4" HP <sup>SC</sup>	3.57	0.28	0.18	0.35
3/4" HP2+	4.00	0.25	0.22	0.40
1" HP2 <sup>MAX</sup>	4.35	0.23	0.21	0.35
1" HP3 <sup>MAX</sup>	4.76	0.21	0.18	0.32
<b>WITH WARM EDGE+</b>				
3/4" HP	3.57	0.28	0.24	0.45
3/4" HP <sup>SC</sup>	3.57	0.28	0.18	0.35
3/4" HP2+	4.00	0.25	0.22	0.40

## PRO SERIES 960 SLIDING PATIO DOOR

	NFRS CERTIFIED			
	R-Value	U-Factor	SHGC	VT
<b>WITH WARM EDGE</b>				
3/4" Clear	2.13	0.47	0.61	0.64
3/4" HP	3.33	0.30	0.28	0.54
3/4" HP <sup>SC</sup>	3.33	0.30	0.22	0.42
3/4" HP2+	3.85	0.26	0.27	0.49
1" HP2 <sup>MAX</sup>	4.17	0.24	0.24	0.42
1" HP3 <sup>MAX</sup>	4.55	0.22	0.22	0.40
<b>WITH WARM EDGE+</b>				
3/4" HP	3.45	0.29	0.28	0.54
3/4" HP <sup>SC</sup>	3.45	0.29	0.22	0.42
3/4" HP2+	3.85	0.26	0.27	0.49

\*Performance values reflect windows tested with 3/4" IGU on dual pane glass packages, 1" IGU on triple pane glass packages, 3mm glass and no grilles.

## Key

### U-Factor

A measure of heat flow through a window. The lower the number, the better a window insulates against heat loss.

### R-Value

The inverse of U-Factor. The higher the number, the better the window is at resisting heat flow.

### SHGC

Solar Heat Gain Coefficient is a measure of solar energy transmitted through window glass. A higher SHGC is desirable in a northern climate.

### VT

Visible Transmittance indicates how much light passes through a window. The higher the number, the more light gets through the glass.



# Grille Options

Accent your home's architectural style with grilles between the glass or simulated divided lites.

## Grilles Between the Glass

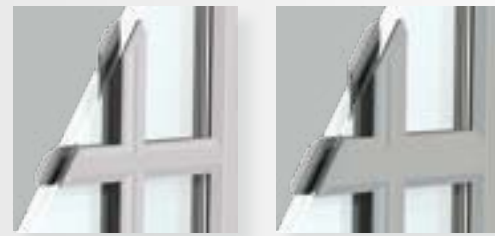


5/8" Flat

5/8" Sculptured

1" Sculptured

## Simulated Divided Lites



7/8"

1-1/4"

# Grille Patterns

These are just a few of the styles available for your home.



Half Colonial

Colonial

Prairie

Three over One

Two over One

## Frame Colours



White

## Frame Options

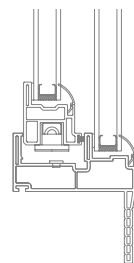
**Frame depth:** 3-7/16"

**Nail Fin setback:** 1-3/8" with stucco key or J-channel

*\*Single wall flush fin, dual wall flush fin and no fin options also available*

## Dual-Wall Flush Fin

A dual-wall flush fin can be used when replacing aluminum windows with vinyl. The flush fin covers the aluminum frame and presents an even appearance on the exterior of the window.



## Screens

Fiberglass mesh comes standard on all windows with your choice of half or full screens. A pet resistant screen is available with our patio doors. This vinyl-coated polyester screen is seven times stronger than traditional screening and provides excellent visibility.

# Architectural Shapes

Accent windows add interest to a plain façade and can transform a standard window into a stunning focal point. Many shapes are available and they can be combined with fixed and operating units.



# Peace of mind comes standard.



The quality of Ply Gem Pro Series windows and doors is reflected in the warranty that comes with them. If there's a problem resulting from a manufacturing defect, Ply Gem will repair or replace the unit free of charge for as long as you live in your home. Furthermore, if you sell your home, coverage is transferable to the new owner. So whether you're moving in or moving on, your investment is protected.





## The PlyGem Difference

When you choose building products for your home, you want them to last. Just as important, you want the company that stands behind those products to be there when you need them. With Ply Gem, you can choose with confidence. Every product we manufacture meets strict quality standards and is backed by an industry leader with a long standing record of integrity. Residential builders, remodelers and architects have put their trust in us for over 70 years. Experience the Ply Gem difference. Build your future with us.

For more information,  
visit [plygem.ca](http://plygem.ca)



The Designed Exterior™

SIDING

WINDOWS

DOORS

STONE

TRIM

ROOFING

FENCE

RAILING

