

PLY GEM — CLASSIC SERIES VINYL WINDOWS
MITTEN

Classic Series Vinyl Windows

SKU: PGC-CLASSIC

WARRANTY

Double-glazed units: lifetime against seal failure · Other components:
20 years · Transferable to new owner · Contact Pro Materials — (416)
833-8900

COLOURS

2 available

The Ply Gem Classic Series vinyl window recreates the look of traditional wood windows without the upkeep. Distributed across Canada by Mitten Building Products, the Classic Series is available in casement, awning, horizontal slider, and single hung configurations — all built with multi-chambered vinyl and dual-glazed argon-filled units. ENERGY STAR® qualified glass options deliver strong thermal performance across Canadian climate zones. Available in White and Beige with in-glass and applied grille options.

Key Features

- Traditional wood window profile design without the maintenance — authentic divided-lite aesthetic in vinyl
- Steel-reinforced frames and sashes — structural integrity and wind load resistance
- Truth Encore® concealed multi-point locking hardware with fold-away crank handle on casement and awning
- Non-marking acetal rollers (horizontal slider) — smooth, quiet operation
- Anti-lift sash security on all sliding windows prevents forced entry
- Available in White or Beige · Optional grilles, brickmould, screens, and jamb liners
- Multi-chambered vinyl extrusions engineered for Canada's harsh climate
- Triple weatherstripping on casement and awning operating sashes — maximum draft and moisture protection
- Tri-Fin weatherstripping on all slider models prevents drafts, dust, and moisture infiltration
- Spring balance system (single hung) — holds sash open at any height
- ENERGY STAR® qualified: Eco Gain 180, Eco Shield 270, Eco Max Shield 366 glass options with argon fill

Available Colours

NEUTRAL

2 colours



White



Beige

Profiles & Specifications

3/4" CONTOUR

3/4" Contour Grille

The 3/4" Contour Grille is an in-glass grille installed between the two panes of glass. Because it is sealed inside the insulating unit, it never needs cleaning. The contour profile has a curved, traditional appearance that suits the Classic Series' wood-window heritage aesthetic.



Type	In-glass — installed between glass panes
Width	3/4 in.
Profile	Contour (curved)
Available Colours	White · Beige · Two-tone (Black or Brown exterior / White interior)
Maintenance	None — sealed between panes

1" CONTOUR

1" Contour Grille

The 1" Contour Grille is an in-glass grille sealed between the panes for a clean look with no cleaning required. The wider 1" contour profile adds a more substantial, traditional divided-lite appearance to the window.



Type	In-glass — installed between glass panes
Width	1 in.
Profile	Contour (curved)
Available Colours	White · Beige · Black · Brown
Maintenance	None — sealed between panes

5/16" FLAT

5/16" Flat Grille

The 5/16" Flat Grille is a slim in-glass grille installed between the panes for a minimal, contemporary look. The narrow flat profile maximises visible glass area while adding the visual definition of a divided-lite window.



Type	In-glass — installed between glass panes
Width	5/16 in.
Profile	Flat
Available Colours	White · Beige · Black · Brown
Maintenance	None — sealed between panes

13/16" FLAT

13/16" Flat Grille

The 13/16" Flat Grille is an in-glass grille with a bold flat profile. Available in White and Beige, it provides a classic, substantial bar width that complements traditional-style homes — an ideal match for the Classic Series' heritage character.



Type	In-glass — installed between glass panes
Width	13/16 in.
Profile	Flat
Available Colours	White · Beige
Maintenance	None — sealed between panes

1" FLAT

1" Flat Grille

The 1" Flat Grille is the widest in-glass flat grille option. Its generous bar width creates a strong, bold grid with a traditional Colonial appearance. Sealed inside the unit — no cleaning required.



Type	In-glass — installed between glass panes
Width	1 in.
Profile	Flat
Available Colours	White · Beige
Maintenance	None — sealed between panes

STANDARD

Standard Grille

The Standard grille is an applied grille pattern installed on the outer glass surface to simulate the look of divided lite windows. It creates a uniform grid across the full pane. Multiple layout variations are available including Half Standard, Three Over One, Two Over Two, and Two Over One.



Type	Applied — installed on outer glass surface
Variations	Standard · Half Standard · Three Over One · Two Over Two · Two Over One
Look	Simulates divided lite windows

LADDER

Ladder Grille

The Ladder grille pattern features vertical bars with horizontal rails at the top and bottom, creating a classic Colonial-style look. Applied to the outer glass surface to simulate true divided lites. Also available as a Perimeter Heritage variation.



Type	Applied — installed on outer glass surface
Variations	Ladder · Perimeter Heritage
Look	Colonial divided lite appearance

DOUBLE LADDER

Double Ladder Grille

The Double Ladder grille adds a second set of vertical bars to the Ladder pattern, creating more defined pane sections for a traditional, architecturally detailed look. Applied to the outer glass surface.



Type	Applied — installed on outer glass surface
Look	Traditional, detailed divided lite appearance

HERITAGE

Heritage Grille

The Heritage grille pattern is a classic Colonial-style grid with even bar spacing across the full pane. Applied to the outer glass surface, it perfectly complements the Classic Series' traditional wood-window profile character.



Type	Applied — installed on outer glass surface
Look	Heritage/Colonial divided lite appearance
Best For	Heritage, Craftsman, and Traditional home styles

Compatible Accessories

Truth Encore® Window Hardware — White

Standard hardware for Classic Series casement and awning windows. Truth Encore® provides a concealed multi-point locking system that seals the sash tightly against the weatherstripping at multiple points. The crank handle folds away when not in use for a clean, unobtrusive look. Available in White.

Truth Encore® Window Hardware — Beige

Standard hardware for Classic Series casement and awning windows. Truth Encore® multi-point locking system in Beige to match the frame. Locks the sash at multiple points for a tight, weatherproof seal. Folds flat when not in use.

Multi-Point Lock

Concealed multi-point locking system for Classic Series casement windows. Provides superior security by locking the window sash at multiple points simultaneously around the frame perimeter, creating a tight seal against weatherstripping to prevent drafts and moisture infiltration.

Sash Lock

Centre-mounted knife latch lock for Classic Series horizontal slider and single hung windows. Secures the sliding sash firmly in the closed position. Works in conjunction with the anti-lift sash security feature to prevent forced entry.

Installation Guide

- 1 FINISHING:** Follow the instructions in the painting section. Aluminum-clad products do not require additional exterior finishing but should be cleaned periodically to remove any airborne pollutants and contaminants. Following these guidelines will help ensure your investment is properly protected.
- 2 CLEANING GLASS — FULL OPENING SASH:** All Ply Gem Classic Series casements allow you to wash the exterior glass surface from the inside of the home. Open the window to its full open position — this enables you to reach both interior and exterior surfaces from inside. For large windows, a squeegee may be required to reach the outside edge.
- 3 LUBRICATION:** The hardware will occasionally require lubrication. Apply a light coating of silicone or similar lubricant on the track and pivot points annually to ensure free and easy operation. Avoid petroleum-based lubricants such as oil or petroleum jelly — they stay wet and attract more dirt. Areas with harsh environments (coastal, or high levels of dust, dirt, or sand) will need cleaning and lubrication more often.
- 4 OPENING AND CLOSING CASEMENT & AWNING WINDOWS:** The roto-operators and crank handle must be firmly fastened to the crank mechanism. The set at the base of the operator handle should be completely seated to avoid stripping the locator teeth. Lubricate with light oil. The sash will lock even if not completely closed — shut the sash to a snug position and engage the locks; the locks will pull the sash tighter against the weatherstripping. On casement windows with two locks, always engage the bottom lock before the top lock.

- 5 **SCREEN REMOVAL:** Two types of screens are used — pull-tabs (held in the window by leaf springs) and plungers. To remove pull-tab screens: hold both tabs and pull gently vertically or horizontally, tilt the screen towards you. If the crank handle interferes with the screen, remove the crank handle first. To remove plunger screens: pull plungers on one side, then gently pull out the plungers on the opposite side and tilt the screen towards you. Note: The screen side containing the leaf spring must be inserted into the side of the frame with the deepest screen cavity. Screens are for insect protection only and are not meant to provide safety protection for children.



MITTEN

Ready to order?

Submit your spec list and we'll respond with pricing and availability - usually within one business day.

WEB

promaterials.ca

PHONE

(905) 836-7272

EMAIL

info@promaterials.ca

ADDRESS

Unit 5, 1235 Journey's End Cir, Newmarket, ON