

PLY GEM — SIGNATURE SERIES ALUMINUM-CLAD WOOD WINDOWS
MITTEN

Signature Series Aluminum-Clad Wood Windows

SKU: PGC-SIG

WARRANTY

Contact Pro Materials for current Ply Gem Signature Series warranty terms — (416) 833-8900

COLOURS

11 available

The Ply Gem Signature Series combines the timeless warmth of real wood with the durability of fully extruded aluminum cladding — no exterior painting, no rot, no maintenance. Select stain-grade Hem-Fir (Pine) interiors can be stained or painted to match your interior. Featuring 1-7/8" thick sashes reinforced with mortise and tenon joints, and available in 11 exterior aluminum colours with Kynar®-based Enhanced Colour Protection, the Signature Series is the premium aluminum-clad wood window for classic Canadian architecture. Available through Mitten Building Products and stocked at Pro Materials.

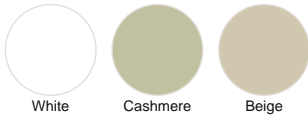
Key Features

- Select stain-grade Hem-Fir (Pine) wood interior — stainable or paintable to match any décor
- Enhanced Colour Protection (ECP) on darker colours — Kynar®-based acrofluor coating resists fading and chalking
- Reinforced frame corners with molded structural corner keys injected with silicone — water and air infiltration resistance
- Double or triple glazing (DG1/TG1/TG2) with Eco Gain 180, Eco Shield 270, Eco Max Shield 366 options
- Truth Encore® folding casement/awning hardware in 11 designer colour finishes
- Optional 2-inch exterior brickmould
- Fully extruded aluminum exterior cladding in 11 colours — no exterior finishing required
- 1-7/8" thick sash — industry-leading strength and aesthetics
- Sealed and mechanically fastened mortise and tenon joints on all sash components
- ENERGY STAR® qualified across Canadian climate zones with TG2 glass on casement, awning, and fixed types
- Screens in 7 prefinished colours plus stainable wood grain
- Extensive curve-top and rake shape availability for architectural applications

Available Colours

NEUTRAL

3 colours



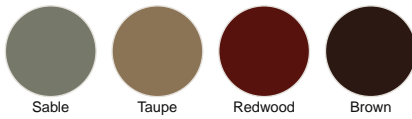
COOL

2 colours



EARTH

4 colours



BOLD

1 colour



DARK

1 colour



INTERIOR WOOD

1 colour



Profiles & Specifications

3/4" Contour Grille

In-glass grille sealed between the two panes — never needs cleaning. Curved contour profile gives a traditional divided-lite appearance. Available in White and Beige; two-tone option available.



1" Contour Grille

Wider in-glass contour grille for a more substantial traditional look. Sealed between panes — maintenance free. Available in White and Beige.



5/16" Flat Grille

Slim in-glass flat grille for a contemporary minimal look. Available in White and Beige.



5/8" Flat Grille

Mid-width in-glass flat grille. Available in White, Beige, and Black (two-tone option available).



13/16" Flat Grille

Wider in-glass flat grille. Available in White, Beige, Black, Redwood, and Brown.



1" Flat Grille

Widest in-glass flat grille. Bold Colonial divided-lite look. Available in White, Beige, Black, Redwood, and Brown.

**Standard Grille**

Applied vinyl grille on the outer glass surface. Available in patterns: Standard, Half Standard, Perimeter, Heritage, Three Over One, Two Over Two, Two Over One. Custom 90xx configurations available with minimum 100mm bar spacing.

**Ladder Grille**

Applied grille with vertical bars and horizontal rails — classic Colonial look. Multiple ladder patterns available including perimeter heritage variation.

**Double Ladder Grille**

Applied grille with two sets of vertical bars for a more detailed Colonial appearance.



Heritage Grille

Applied Colonial-style grid with typical 180mm bar spacing. Available as single or double heritage patterns.



Standard Grille (Aluminum Clad Wood)

Applied aluminum-clad grille for Aluminum Clad Wood windows — exterior surface matched to the window's aluminum cladding colour. Maintains the coordinated metal-look aesthetic of the Signature Series exterior.



Compatible Accessories

Truth Encore® Hardware — White

Truth Encore® casement and awning hardware in White — standard finish. Fold-away crank handle with concealed multi-point locking system.

Truth Encore® Hardware — Beige

Truth Encore® casement and awning hardware in Beige. Fold-away crank handle with concealed multi-point locking system.

Truth Encore® Hardware — Champagne

Truth Encore® casement and awning hardware in Champagne (additional cost). Fold-away crank handle with concealed multi-point locking system.

Truth Encore® Hardware — Faux Bronze

Truth Encore® casement and awning hardware in Faux Bronze (additional cost). Fold-away crank handle with concealed multi-point locking system.

Truth Encore® Hardware — Chestnut Bronze

Truth Encore® casement and awning hardware in Chestnut Bronze (additional cost). Fold-away crank handle with concealed multi-point locking system.

Truth Encore® Hardware — Matte Black

Truth Encore® casement and awning hardware in Matte Black (additional cost). Fold-away crank handle with concealed multi-point locking system.

Truth Encore® Hardware — Brushed Nickel

Truth Encore® casement and awning hardware in Brushed Nickel (additional cost). Fold-away crank handle with concealed multi-point locking system.

Truth Encore® Hardware — Brushed Chrome

Truth Encore® casement and awning hardware in Brushed Chrome (additional cost). Fold-away crank handle with concealed multi-point locking system.

Truth Encore® Hardware — Western Pewter

Truth Encore® casement and awning hardware in Western Pewter (additional cost). Fold-away crank handle with concealed multi-point locking system.

Truth Encore® Hardware — Antique Brass

Truth Encore® casement and awning hardware in Antique Brass (additional cost). Fold-away crank handle with concealed multi-point locking system.

Truth Encore® Hardware — Oil Rubbed Bronze

Truth Encore® casement and awning hardware in Oil Rubbed Bronze (additional cost). Fold-away crank handle with concealed multi-point locking system.

Multi-Point Lock

Concealed multi-point locking system for Signature Series casement windows. Single lever locks the sash at multiple points simultaneously for maximum security and a consistent seal against weatherstripping.

Installation Guide

- 1 GLAZING:** Signature Series windows are available in DG1 (double-glazed, OD = 0.75 in., one argon-filled air space) or TG1/TG2 (triple-glazed, OD = 1.36 in., two argon-filled air spaces). TG1 has a single Low-E coating; TG2 has a double Low-E coating for maximum thermal performance.
- 2 ALUMINUM CLADDING:** Fully extruded aluminum cladding is available in 11 exterior colours: White, Cashmere, Beige, Clear Anodized, Slate Grey, Sable, Taupe, Hunter Green, Redwood, Brown, and Black. Darker colours include Enhanced Colour Protection (ECP) — a Kynar®-based acrofluor coating that resists fading and chalking.
- 3 WOOD INTERIOR:** Interiors are select stain-grade, solid Hem-Fir (Pine), precision machined to a smooth finish. Hem-Fir can be stained or painted to match any decorating requirement. Screens available in seven prefinished colours plus stainable wood grain.
- 4 FRAME CONSTRUCTION:** 1-7/8" thick sash is industry-leading in strength and aesthetics. Reinforced frame corners with molded structural corner keys are injected with silicone to ensure durability and resistance against water and air infiltration. Sash components connected with sealed and mechanically fastened mortise and tenon joints.
- 5 CASEMENT OPERATION:** The concealed multi-point lock seals the sash at multiple points with a single lever. Maximum sash weight is 50 lbs. Egress hinge available on select sizes. Open fully to clean both glass surfaces from inside.
- 6 AWNING OPERATION:** Hinged at the top and opens outward from the bottom — can remain open during rain without letting moisture in. Ideal for kitchens, bathrooms, dormers, or wherever clearance is limited. Maximum sash weight is 60 lbs. Awnings do not meet Canadian Egress requirements.



MITTEN

Ready to order?

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

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