



Douglas Fir Fixed Casements with Simulated Divided Lites



CASEMENT WINDOWS

Loewen makes four styles of Casement windows — Traditional, Mission®, French Chateau and Push Out.



Casement



Mission® Casement



French Chateau Casement
(Camber Top)



Push Out Casement

PRODUCT FEATURES

STYLES:

Traditional, Mission®, French Chateau and Push Out models. Quarter Round, Full Radius and Camber Top options.

STANDARD FEATURES

- Natural, clear Douglas Fir interior (no visible finger joints)
- Frame construction designed for 4 9/16" (116 mm) jamb
- Low E² insulated glazing with 1/2" (12 mm) airspace
- Roto gear operator and concealed sash locks available in bronze, sandstone, linen and black
- Extruded aluminum cladding in nine standard colors, primed wood or clear Fir exterior
- Santoprene™ weatherstrip system
- Insect screens available in bronze, sandstone, linen and black

HARDWARE:

Hardware and hardware finishes are dependent on hardware choices.

GLAZING:

Heat-Smart® 1, 2 and 3, Tranquility®, StormForce™ DP, IP, MP. StormForce™ DP, IP, MP not available for Push Out products.

SIMULATED DIVIDED LITES (SDL) AND GRILLES:


SDL — 3/4" (19 mm), 1 1/8" (29 mm), 2" (50 mm), Removable Grilles.

BRICKMOULD:


2" (50 mm), 3 1/2" (89 mm) and 5 1/2" (140 mm) wood. 2" (50 mm) and 3 1/2" (89 mm) metal.

METAL CLAD COLOR SPECTRUM:

Nine Standard Palette and 27 optional Architectural Palette colors. Available in **Cyprium Collection** (see Section L page 23).



For a more in-depth, comprehensive review of **Product Features**, please refer to the **Miscellaneous section**.



Visit the **Loewen Photo Gallery** online at www.loewen.com/home.nsf/info/gallery for a large collection of Loewen product and elevation photography.

Specifications and technical information are subject to change without notice. Metric and Imperial measurements are converted accurately, however in some cases industry conventions cause a 1 mm variance. (Example: 3/4" is shown as 20 mm for all glass measurements as this is the industry standard.)

LEGEND: ● — STANDARD
○ — OPTIONAL

1 – Nine standard metal clad colors, 27 optional 3 – Some size restrictions apply
2 – Swinging

	Traditional Casement	Mission® Casement	French Casement	Push Out Casement
Hardware Styles				
Folding Crank Handle	●	●	●	
Push Out Handle				●
Concealed Lock	●	●	●	
Electric Operator	○	○		
Finish Options				
Linen	●	●	●	●
Sandstone	●	●	●	●
Bronze	●	●	●	●
Black	●	●	●	●
Oil Rubbed Bronze	○	○	○	○
Antique Brass	○	○	○	○
Bright Brass	○	○	○	○
Brushed Chrome	○	○	○	○
Satin Nickel	○	○	○	○
Rustic Bronze	○	○	○	○

	Traditional Casement	Mission® Casement	French Casement	Push Out Casement
Variables				
Function:				
Use for Egress	●	●	●	●
Available with Screen	●	●	●	● ²
Concealed Hardware	●	●	●	
Durability:				
Low Maintenance Metal Clad Exterior	● ¹	● ¹	● ¹	● ¹
Clear Douglas Fir Exterior Finish	●	●	●	●
Clear Mahogany Exterior Finish	○	○	○	○
Primed Exterior Finish	●	●	●	●
Performance:				
Heat-Smart® Plus 1	●	●	●	●
Heat-Smart® Plus 2, 3 ³	○	○		○
Tranquility®	○	○		○
StormForce™	○	○		
Appearance:				
SDL	○	○	○	○

All standard window configurations are represented in this **Loewen Architectural Catalog**. Numerous custom opportunities exist — please contact your Authorized Loewen Dealer.



SPECIFICATIONS

STANDARDS

Units have been tested by an independent laboratory for air and water infiltration and thermal performance requirements.

FRAME AND SASH

Manufactured from Coastal Douglas Fir kiln-dried lumber with frame construction designed for 4 9/16" (116 mm) jamb. All exterior components are factory primed; minor scratches or abrasions are not considered defects.

ALTERNATE SPECIES

The entire Loewen product line is also available in optional Mahogany (*Swietenia macrophylla*) or optional FSC chain of custody certified Douglas Fir (SW-COC-1739).

PRESERVATIVE TREATED

All wood parts are dipped in approved preservative.

GLAZING

A wood stop combined with glazing materials ensures a positive seal.

INSULATING GLASS

Double or triple glass configurations with 1/2" (12 mm) airspace.

HEAT-SMART® Plus Systems 1, 2 and 3

Heat-Smart® best describes the benefits of the product that incorporates Low E² coating and argon gas. Heat-Smart® systems help reduce heating and cooling costs, providing superior energy efficiency.

SIMULATED DIVIDED LITES (SDL) AND GRILLES

Standard SDL come without airspace grilles. Optional airspace grilles available. Grille bars are permanently applied to the interior and exterior.

Loewen natural clear wood grilles install from the inside of the house and are removable for cleaning.

Note: Optional Grilles

Natural wood grilles will be supplied unless otherwise specified.

METAL CLADDING

Heavy duty extruded aluminum exterior metal cladding is available in nine Standard Palette and 27 optional Architectural Palette colors. Interior of window remains a natural wood finish as a standard. Metal clad units are supplied ready-to-install complete with nailing flange.

HARDWARE

Standard Casement sash opens out to 90 degrees for ease of cleaning. The roto gear operator will hold the sash at any position in its operating radius. The sash is supported by concealed heavy-duty hinges. All steel components have Truth E-Gard™ coating for superior corrosion protection.

HARDWARE OPTION

Operator and sash locks are standard in bronze, linen, sandstone or black. Optional finishes are available at an additional charge. Casement units available with a fold-away handle.

DOUBLE WEATHERSTRIP

The combination of a flexible Santoprene™ bubble and a flexible Santoprene™ bubble with fin weatherstrip complete with rigid slip ribs ensures maximum energy efficiency.

SCREEN

Screens have a bronze, linen, sandstone or black aluminum frame, screened with anti-glare fiberglass cloth.

EGRESS

Sizes noted in elevation drawings meet national egress codes for fire escape. Canada and U.S.A. are marked separately. Consult local building codes for confirmation of size requirements for your area. All calculations are done with double insulated sash and standard hardware. Special egress hardware is available for Casement windows that enables some sizes to meet egress codes, eliminating the need to go to the next larger size window.