



ENTRYWAYS

Loewen

Loewen



For luxury homeowners — and the architects, designers and custom builders that create their dreams — Loewen is the brand that delivers an unrivaled combination of experience, artisanship and innovative design in an extensive line of Douglas Fir and Mahogany windows and doors.

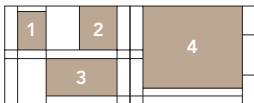


WHY LOEWEN

Perhaps the most important distinguishing feature of our doors is the artistry and obsessive perfectionism of the people who craft them. In their skilled hands — aided by the most advanced production technology available — wood, metal and glass magically meld, flow and even soar.



Loewen



1 A Camber Top Terrace door clad in Tuscany Brown complements a classic Tuscan-style villa aesthetic. 2 French Terrace doors make a grand entrance when paired with complementary transoms and window units. 3 Wood Patio doors open to an expansive deck on the Glidehouse (MkArchitecture). 4 The clean lines and white metal cladding of Loewen windows and Terrace doors create a crisp exterior for a seaside home.

2 | 15 Entryways

- 2 Wood Entryways
- 8 Sliding Patio & French Patio Doors
- 12 Swinging Terrace & French Terrace Doors
- 15 Transoms
- 16 Bifold Doors

18 | 21 Performance

- 18 Glazing & Performance
- 20 StormForce™

Inspiring products, a century of millwork heritage, custom capabilities, design leadership, and product versatility — that's Loewen.



22 | 24 Options

- 22 Cyprum Collection
- 24 Colors & Cladding

Note that a companion book — the **Loewen Product Guide** — is available, as is the comprehensive **Loewen Technical Guide**, containing performance ratings, sizing and specifications. Contact your Authorized Loewen Dealer for copies.



This brochure will give you an introduction to Loewen doors. Visit www.loewen.com for more information, to find the Dealer nearest you, or to order more literature.



Create a warm welcome with a custom Wood Entryway from Loewen.

WOOD ENTRYWAYS



Bold and embracing or elegantly refined, Loewen Wood Entryways combine form with function in an extensive selection of design options.

Handcrafted wood, coordinating transoms, fixed or operable windows and sidelites, and unique glass designs create a captivating introduction to your inspiring home.

With doors available in an array of wood species and finishes, and an almost infinite combination of options, hardware and accessories, we open the door to possibilities — while making a secure, reliable and enduring entrance that perfectly matches the aesthetic of your home.







SPECIES

Choose from an extensive collection of wood species.
Contact your Authorized Loewen Dealer for more information.

EXTERIOR TRIM

Pediments: Decorative horizontal mouldings above or below Wood Entryways.

Pilasters: Decorative vertical mouldings between or framing wood doors and sidelites.

Dentil Mouldings: Decorative details placed below glazed inserts on wood doors.

BRICKMOULD

- 2" and 3 1/2" clad
- 2", 3 1/2" and 5 1/2" wood

STANDARD FEATURES

- Standard door heights up to 10'
- Douglas Fir construction

HARDWARE FINISHES

Loewen offers a selection of beautiful door hardware finishes, depending on the hardware item.
Contact your Authorized Loewen Dealer for details.



Brushed Chrome*



Black*



Antique Brass



Bright Brass



Oil Rubbed*



Rustic Bronze*



Satin Nickel*

Colors may not be exactly as shown.
* Optional finishes.

Doors may be drilled to fit the hardware of your choice or to accept Loewen's optional multi-point hardware and handle sets in various styles and finishes.

Operable transoms offer ventilation, daylight and security.



Operable door sidelites: innovative, highly practical and distinctively Loewen.



Select our optional multi-point locking system or the handle and lockset of your choice. Doors can also be custom drilled for hardware installation after delivery.



Caming options are available in a variety of finishes to coordinate with your door hardware.



DOOR SYSTEM CONFIGURATIONS AND OPTIONS

Loewen offers many Entryway configurations and options to meet your needs, both functional and aesthetic.



Single Door



Single Door with Left Sidelite



Single Door with Right Sidelite



Single Door with Two Sidelites

WOOD SPECIES AND MOULDING

A variety of wood species are available, including vertical grain Douglas Fir, Mahogany, Red Oak, Knotty Alder, Clear Alder, Eastern Maple and Cherry.

Moulding, panel and beading design options are virtually unlimited. Bring your ideas to us and we'll make them a reality.



Douglas Fir



Mahogany



Red Oak



Knotty Alder



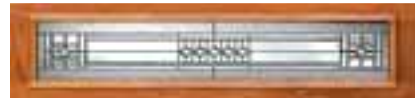
Clear Alder



Eastern Maple

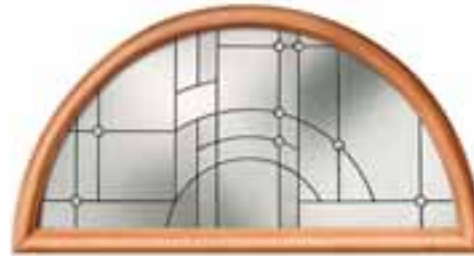


Cherry



TRANSOMS

Door configurations can be combined with complementary Transoms to add visual interest and daylight.



DECORATIVE GLASS

A wide selection of decorative glasswork and specialty glazing systems are available in windows, sidelites and door inserts.

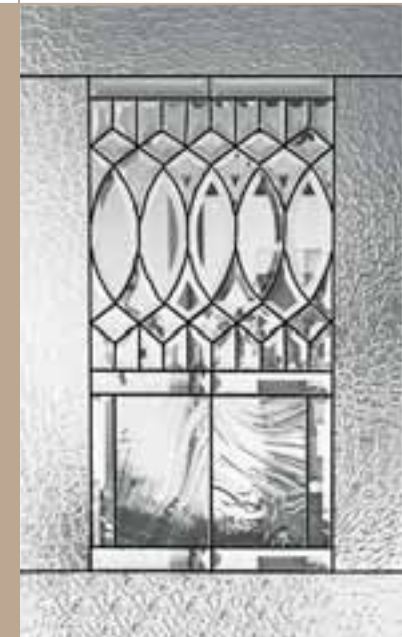
Contact your Authorized Loewen Dealer for options to suit your home.



Double Door



Double Door with Two Sidelites





The ease of operation combined with the unrivalled charm of Sliding Patio doors allow you to bring the outside in — with style.



Multi-point Handle
(Satin Nickel)



"C" Handle
(Brown)

Functioning like large moving windows, Loewen Sliding Patio doors can open up the walls in your home to dramatic new possibilities — imagine our spectacular seven-panel, 24 foot wide model, for example. Both Wood Patio (narrowline) and French Patio (wider stiles and taller bottom rail) are available.

SLIDING PATIO & FRENCH PATIO DOORS



Loewen



Glidehouse by mkarchitecture

	Sliding Wood Patio	Sliding French Patio
Hardware Styles		
Multi-point Handle	○	○
"C" Handle Standard	●	●
Finish Options		
Linen	● ³	● ³
Brown	● ³	● ³
Black	●	●
Antique Brass	○	○
Bright Brass	○	○
Brushed Chrome	○	○
Satin Nickel Resista	○ ⁴	○ ⁴
Polished Brass Resista	● ⁴	● ⁴

	Sliding Wood Patio	Sliding French Patio
Variables		
Function:		
Use for Egress	●	●
Available with Screen	●	●
Multi-point Hardware	○	○
Durability:		
Low Maintenance	● ¹	● ¹
Metal Clad Exterior		
Clear Douglas Fir Exterior Finish	●	●
Primed Exterior Finish	●	●
Performance:		
Heat-Smart Plus® 1	●	●
Heat-Smart Plus® 2, 3 ²	○	○
StormForce™	○	○
Appearance:		
SDL	○	○
Vertical Grain Douglas Fir Panel		●
Clear Mahogany Exterior Finish	○	○

LEGEND: ● — STANDARD
○ — OPTIONAL

- 1 – Nine standard metal clad colors, 27 optional
- 2 – Some size restrictions apply
- 3 – "C" handle only
- 4 – Multi-point only



Sliding Patio doors come in Wood Patio (narrowline above) for maximum viewing area, or in French Patio (right).



French Patio doors feature wider stiles and taller bottom rails to mirror the look of our Terrace and French Terrace doors in a sliding operation.

WOOD SPECIES

Doors are available in standard Douglas Fir, optional Mahogany, or optional FSC chain of custody certified Douglas Fir (SW-COC-1739).

METAL CLAD COLOR SPECTRUM

Choose from nine Standard Palette and 27 Architectural Palette colors.

BRICKMOULD

- 2" and 3 1/2" clad
- 2", 3 1/2" and 5 1/2" wood

PANELS

- Standard full glass panels, wood or metal clad
- Optional wood raised panels
- Optional clad flat panels
- Optional mid-rails

SUPERIOR DESIGN

- Tandem ball bearing rollers for smooth operation
- 2 1/4" thick panels for structured integrity
- Accommodates high performance glazing choices such as HP2 and HP3 (see pages 18-19)

HARDWARE

Select our standard "C" handle or optional multi-point locking system (standard on four-wide model).

GLASS & GLAZING

Decorative glasswork and applicable glazing systems vary. Contact your Authorized Loewen Dealer for details.

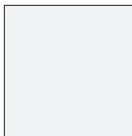
STANDARD FEATURES

- Standard door heights up to 9'
- "C" handle hardware
- Multi-point locking hardware (four-wide model)
- Douglas Fir window and sidelite construction



HARDWARE FINISHES

Loewen offers a selection of beautiful door hardware finishes, depending on the hardware item. Contact your Authorized Loewen Dealer for details.



Linen



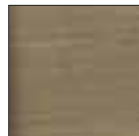
Bronze



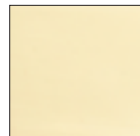
Brushed Chrome*



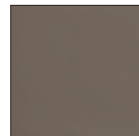
Black*



Antique Brass*



Bright Brass*



Oil Rubbed*



Satin Nickel*

Colors may not be exactly as shown.
* Optional finishes.



Rodos
(Polished Brass Resista)

Athinia
(Polished Brass/Satin Brass)

Rodos
(Oil Rubbed Bronze)

Verona Handle
(Antique Brass)



Meran Handle
(Black)



Churchill
(Rustic Bronze)*



Shropshire
(Rustic Bronze)*

*Rustic Bronze is available for
Churchill and Shropshire only.

SWINGING TERRACE & FRENCH TERRACE DOORS

No other hinged doors can capture as expansive a view as a Loewen Terrace door, thanks to our large glass areas and sturdy wood construction.

We offer two styles: Traditional and French. Traditional Terrace doors hinge in the middle so that one panel is fixed and the other operates. By contrast, French Terrace doors are hinged on the outside to allow both doors to operate from the middle. Outswing versions of both styles are available as options.





Loewen Terrace and French Terrace doors are available up to 10' in height.

	Swinging Terrace	Swinging French Terrace
Hardware Styles		
Multi-point Handle	●	●
Verona Terrace Handle	●	●
Meran Terrace Handle	●	●
Shropshire Handle	○	○
Churchill Handle	○	○
Athina	○	○
Rodos	○	○
Finish Options		
Black	○	○
Oil Rubbed Bronze	○	○
Rustic Bronze	○ ²	○ ²
Antique Brass	●	●
Brushed Chrome	○	○
Satin Nickel Resista	○	○
Polished Brass/ Satin Brass Resista	○	○
Polished Brass Resista	●	●

	Swinging Terrace	Swinging French Terrace
Variables		
Function:		
Use for Egress	●	●
Multi-point Hardware	●	●
Durability:		
Low Maintenance	● ¹	● ¹
Metal Clad Exterior		
Clear Douglas Fir Exterior Finish	●	●
Primed Exterior Finish	●	●
Performance:		
Heat-Smart Plus® 1	●	●
StormForce™	○	○
Appearance:		
SDL	○	○
Vertical Grain Douglas Fir Panel	●	●
Clear Mahogany Exterior Finish	○	○

LEGEND: ● — STANDARD
○ — OPTIONAL

1 – Nine standard metal clad colors, 27 optional
2 – Shropshire/Churchill only

Both Terrace and French Terrace doors are available with a Camber Top, Quarter Round, or Half Round radius. These distinctive doors offer style and character to any home.



Terrace



French Terrace



Half Round Terrace



Half Round French Terrace

WOOD SPECIES

Doors are available in standard Douglas Fir, optional Mahogany, or optional FSC chain of custody certified Douglas Fir (SW-COC-1739).

METAL CLAD COLOR SPECTRUM

Choose from nine Standard Palette and 27 Architectural Palette colors.

BRICKMOULD

- 2" and 3 1/2" clad
- 2", 3 1/2" and 5 1/2" wood

PANELS

- Standard full glass panels, wood or metal clad
- Optional wood raised panels
- Optional clad flat panels
- Optional mid-rails

HARDWARE

Equipped with our standard multi-point locking system.

GLASS & GLAZING

Decorative glasswork and applicable glazing systems vary. Contact your Authorized Loewen Dealer for details.

STANDARD FEATURES

- Standard door heights up to 10'
- Multi-point locking hardware
- Douglas Fir window and sidelite construction

All Loewen window and door products may be combined with complementary Transoms.

A wonderful addition, Transoms add visual interest, daylight, ventilation opportunity and great thermal performance. They are especially valuable as a source of natural air conditioning because they offer a light source that is tucked under overhanging eaves where they are shaded from hot summer sun and capable of releasing rising warm interior air.



TRANSOMS

Loewen offers a wide selection of fixed and operable transom windows in a variety of shapes and sizes.





Handle sets match those on Terrace/French Terrace Doors

Middle hinge with handle (interior view)



Bottom flush bolt in finishes to complement handle sets

Middle hinge with handle (exterior view)



Top track concealed on clad units

Concealed guide and sill drainage system



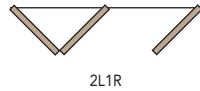
BIFOLD DOORS

Possibilities unfold with Loewen Bifold Doors, an expansive new addition to the Loewen product line.

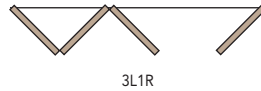


TYPICAL BIFOLD CONFIGURATIONS

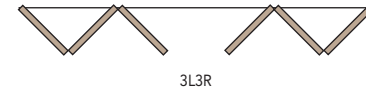
Other configurations available.



2L1R



3L1R



3L3R

Bifold Doors virtually disappear, creating stunning transitions to the fresh air and spaciousness of outdoor living. When closed, Bifold Doors provide privacy and protection while allowing unobstructed views.

Bifold Doors are available in configurations up to 16 panels, allowing for openings up to 52 feet wide. Folding to the outside so as not to disturb interior furnishings, Bifold Doors put outdoor spaces in a new perspective.

WOOD SPECIES

Doors are available in standard Douglas Fir, optional Mahogany, or optional FSC chain of custody certified Douglas Fir (SW-COC-1739).

METAL CLAD COLOR SPECTRUM

Choose from nine Standard Palette and 27 Architectural Palette colors.

BRICKMOULD

- 2" and 3 1/2" clad
- 2", 3 1/2" and 5 1/2" wood

PANELS

- Standard full glass panels, wood or metal clad
- Optional wood raised panels
- Optional clad flat panels
- Optional mid-rails

SUPERIOR DESIGN

- Up to 16 panels (52') wide (eight panels folding in each direction)
- Individual panels up to 39" standard in width; custom sizes available
- Panels stack to the exterior, maximizing interior floor space
- No requirement for "pocket" walls
- Metal clad track cover and frame cladding match clad door panels
- Standard sill with built in drainage system
- All panels are top hung, and the frame is fastened directly into the lintel, providing smooth operation



Four panel
Douglas Fir
Bifold Door
(3L1R
interior view)

HARDWARE

Equipped with our standard multi-point locking system and easy operating flush bolts.

HARDWARE FINISHES

Bifold Door handles are available in finishes to complement the hinges and flush bolts. Contact your Authorized Loewen Dealer for details.

GLASS & GLAZING

Decorative glasswork and applicable glazing systems vary. Contact your Authorized Loewen Dealer for details. Available with Simulated Divided Lites in 3/4", 1 1/8" and 2" widths.

STANDARD FEATURES

- Standard door heights up to 10'
- Standard panel widths up to 39"
- Multi-point locking hardware
- Douglas Fir construction
- Standard bronze anodized sill with built in drainage system



Standard Loewen glazing is available in both double and triple configurations and with a variety of coatings to manage solar heat gain. These result in different visual shading. The photo images shown below give you an approximation of the appearance of each glazing system.

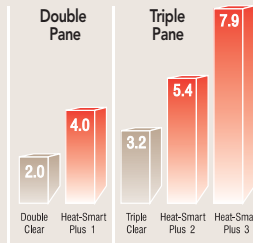


Left to Right: Double Clear, HP1, Double Sun 240, Triple Clear, HP2, HP3.

GLAZING & PERFORMANCE

R-Value Heat-Smart® Plus compared with clear double and triple pane glass units

Formula:
 $\frac{H \times F \times E}{BTU}$
Ashrae calculated values
Window 4.1,
1/2" airspace (12 mm)
Does not apply to sealed units
with capillary tubes installed

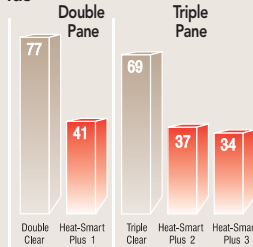


R-Value

This chart measures the resistance of heat transfer through the glass. The higher the number, the better the window insulates. R-Value measured at center of glass.

Solar Heat Gain Heat-Smart® Plus compared with clear double and triple pane glass units

Ashrae calculated values
Window 4.1,
1/2" airspace (12 mm)
Does not apply to sealed units
with capillary tubes installed

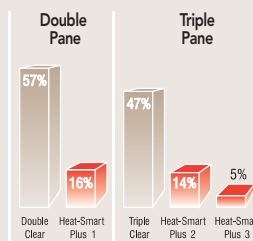


Solar Heat Gain

This chart measures the ratio of solar heat gain through a glazing system compared with an unobstructed opening.

UV Transmittance Heat-Smart® Plus compared with clear double and triple pane glass units

Window 4.1,
1/2" airspace (12 mm)
Does not apply to sealed units
with capillary tubes installed



UV Transmittance

This chart measures the percentage of ultraviolet radiated wavelengths allowed to transmit through the glazing system.



HEAT-SMART® Plus

Heat-Smart® Plus Window Systems offer three levels of thermal protection. The charts on the previous page show the comparative performance of each Loewen Window System and will help you better understand their benefits.

HEAT-SMART® Plus 1

Double glazed, with one layer of Low E² coating and one 1/2" (12mm) air space filled with argon gas*.

HEAT-SMART® Plus 2 (Patio doors only)

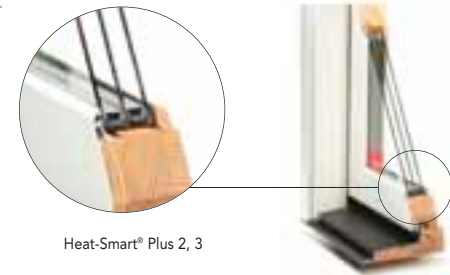
Triple glazed, with one layer of Low E² coating and one 1/2" (12mm) air space filled with argon gas*.

HEAT-SMART® Plus 3 (Patio doors only)

Triple glazed, with two layers of Low E² coatings and two 1/2" (12mm) air spaces filled with argon gas*.

Heat-Smart® Plus Window Systems also protect furnishings by reducing the transmission of damaging ultraviolet rays, which can cause fading and related damage.

*Note: "Argon gas" does not apply to units with capillary tubes installed.



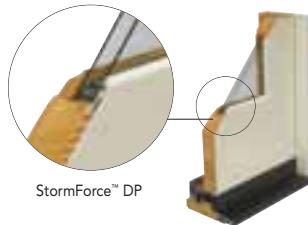


STORMFORCE™

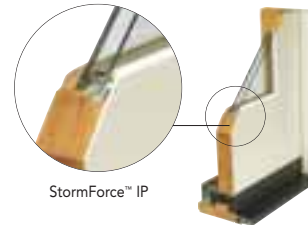
StormForce™ SERIES

This series of performance options offers three distinct levels of storm protection. **DP** provides design pressure ratings that exceed International Residential Code requirements. **IP** delivers impact resistance and superior thermal performance in an insulated glazing configuration. **MP** is maximum impact protection — a monolithic, laminated glass product tested and certified to withstand Category 5 hurricane forces.

Not all options are available for all door types — contact your Authorized Loewen Dealer for more information.



StormForce™ DP



StormForce™ IP



StormForce™ MP
Note: Available in metal clad only.

DP	Features			Design		Performance					
	Exterior Finishes		Hardware Finishes	Maximum Size Available W x H	# of Standard Sizes Available	Water Rating		Structural Rating		Certified DP Rating	
Door Styles	Clad	Non Clad	Corrosion Resistance			Clad	Non Clad	Clad	Non Clad	Clad	Non Clad
Swinging Terrace Door (O/S)	YES	YES	Standard**	70 7/8" x 94 1/2"	28	C55	C55	C55	C60	C55	C55
Swinging French Terrace Door (O/S)	YES	YES	Standard**	70 7/8" x 94 1/2"	20	C60	C60	C70	C70	C60	C60
Sliding Patio Door (2-Wide)	YES	YES	N/A	70 7/8" x 82 11/16"	2	R70	R70	R70	R70	R70	R70
Sliding French Patio Door (2-Wide)	YES	YES	N/A	94 1/2" x 82 3/4"	9	C70	C70	C65	C65	C65	C65

STORMFORCE™ IP SERIES

IP	Features			Design		Performance						
	Exterior Finishes		Hardware Finishes	Maximum Size Available W x H	Standard Units	Wind Zone	Water Rating		Structural Rating		Certified DP Rating	
Door Styles	Clad	Non Clad	Corrosion Resistance			Impact Rating	Clad	Non Clad	Clad	Non Clad	Clad	Non Clad
Swinging Terrace Door (O/S)	YES	YES	Standard**	70 7/8" x 94 1/2"	28	2(C)	C55	C55	C55	C60	C55	C55
Swinging French Terrace Door (O/S)	YES	YES	Standard**	70 7/8" x 94 1/2"	20	2(C)	C60	C60	C70	C70	C60	C60
Sliding Patio Door (2-Wide)	YES	YES	N/A	70 7/8" x 79 1/2"	2	2(C)	R70	R70	R70	R70	R70	R70
Sliding French Patio Door (2-Wide)	YES	YES	N/A	94 1/2" x 82 3/4"	9	2(C)	C70	C70	C65	C65	C65	C65

STORMFORCE™ MP SERIES

MP	Features		Design		Performance			Certification
	Exterior Finishes	Hardware Finishes	Maximum Size Available W x H	Standard Units	Wind Zone	Maximum Positive Design Pressure	Maximum Negative Design Pressure	Dade County NOA#s
Corrosion Resistance		Impact Rating						
Swinging Terrace Door (O/S)	Clad	Standard*	36 3/8" x 94 1/2"	9	3(D)	70	70	02-0821.05
Swinging French Terrace Door (O/S)	Clad	Standard*	70 7/8" x 94 1/2"	9	3(D)	70	70	02-0821.05

Contact your Authorized Loewen Dealer for StormForce™ drawings.
 * Corrosion resistant hardware available dependent on finish.
 ** Corrosion resistant hardware standard.

Notes:

Maximum Sizes available are shown in Outside Measurement (OSM).
 Egress is unaffected by StormForce™ status.
 Tested in accordance to regional code requirements (please contact your Authorized Loewen Dealer for more information).
 Test data is accurate as of May 2004.
 Due to ongoing testing and regional code modifications, data may change over time.
 Visit www.loewen.com for the most up-to-date product information.

See Loewen StormForce™ literature for more information about storm protection for the luxury home.



StormForce™





Copper Umbra patina
Casement window featuring
7/8\"/>



Bronze Natura
patina Terrace
Door

CYPRIMUM COLLECTION

Living Finishes in Copper and Bronze

CYPRIMUM COLLECTION features copper and bronze clad windows and doors that are unique in design and construction. The Cyprium Collection is artisanal in detail — down to the soldered exterior joints and rich, tactile depth of texture in the thick metal cladding and deep profiles.

These hand-wrought living surfaces develop distinctive patinas that adopt and define the individual aesthetic character of the homes to which they belong.

The Cyprium Collection is available in **Swinging Terrace** and **French Terrace Doors**, **Casement**, **Picture/Direct Set**, **Awning** and **Specialty Windows**.

With their distinct profile, Cyprium doors may complement aluminum clad windows and doors but cannot be mulled together.



Copper Palette



Copper Natura



Copper Umbra



Copper Verdigris

Colors may not be exactly as shown.

Bronze Palette



Bronze Natura



Bronze Umbra



Bronze Verdigris

Colors may not be exactly as shown.



SOLDERED JOINTS

Lead-free soldered joints add a hand-forged, authentic appearance that is both attractive and functional. Soldered joints create a cohesive, watertight body for frame and sash members resulting in uniform reaction to temperature fluctuation.

Copper Natura



RECESSED MULLION*

Recessed from the face of the sill and frame, this classical mullion detail adds visual harmony. Cyprium's deep sills are well suited to masonry wall construction.

Copper Natura



CAPPED SILL END*

Hand-fitted sill caps are soldered in place for structural integrity and a finished appearance.

Bronze Umbra



DISTINCT PICTURE/DIRECT SET PROFILES*

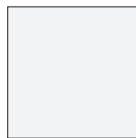
Picture/Direct Set (fixed, non-sashed units) offer an even deeper offset from the face of sill, head and frame members to the vertical plane of the glass.

Copper Verdigris



* Details unique to complementary Cyprium Collection windows.

Standard Palette



White



Linen



Clay



Sandalwood



Sage Green*



Hartford Green



Cranberry*



Chestnut Brown*



Tuscany Brown

* Longer lead times may apply.

Architectural Palette



Almond



Almond Cream



Pueblo Tan



Sahara Sand



Garbo Silver



Clear Anodized



Dover Gray



Sea Wolf



Aged Copper



Patina Green



Ivy



Forest Green



Island Hunter



Mist Blue



Blue Green



Sea Green



Chellea Blue



Velvet Slipper



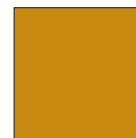
Light Red



River Rouge Red



Boysenberry



Light Mustard



Spice Nut



Olive Taupe



Terratone



Charcoal Gray



Black

Colors available for Sliding and French Patio, Swinging and French Terrace, and Bifold Doors.

Architectural Palette colors are optional. Longer lead times may apply. Colors may not be exactly as shown. Contact your Authorized Loewen Dealer for actual metal samples of the Loewen Metal Clad Color Spectrum.

Loewen cladding uses extruded aluminum. All Loewen metal clad colors are created with Kynar-based paint that has been enhanced with ceramic pigmentation for a long, colorfast life.

HARDWARE FINISHES

Loewen offers a selection of beautiful door hardware finishes, depending on the hardware item. Contact your Authorized Loewen Dealer for details.

Colors may not be exactly as shown.
* Optional finishes. Options vary based on hardware selected.



Brushed Chrome*



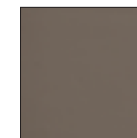
Black*



Antique Brass*



Bright Brass*



Oil Rubbed*



Rustic Bronze*



Satin Nickel*

FAIL-SAFE HARDWARE SHIPPING

Shipping door hardware in a separate package is a Loewen exclusive. A heavy-duty builder's handle is provided for use during construction. When your project nears completion, the permanent handles can be installed — complete and in perfect condition.

Design. Create. Inspire.

Loewen

Canada and U.S.A. 1.800.563.9367 / International 204.326.6446

www.loewen.com

E-mail: info@loewen.com

Loewen



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