Product Features

Styles
Jamb or pocketing, single or multi-panel systems in stacking, bi-parting or corner configurations.

Standard Features
- 6063 T5 aircraft grade aluminum extrusions
- Thermally broken aluminum panels
- Corrosion resistant track with standard transverse drains
- Thermally efficient fiberglass raised threshold with integrated drainage
- Flexible gasket material
- 3 1/2" (89 mm) wide x 3 3/16" (82 mm) thick stiles (4" (102 mm) wide with Back Cap)
- Robust hardware handles a maximum weight of 850 lbs per panel
- Recommended maximum panel size with standard glass is 88" (2235 mm) wide or 88" (2235 mm) tall and 70 square feet of glass
- Corrosion resistant stainless steel wheel assemblies with deformation resistant wheels and precision bearings
- Optional all-wood panels

Hardware
The solid brass Marcos handle is available in both removable and fixed configurations in two finishes: Oil rubbed Bronze and Satin Nickel. Optional solid bronze Flush Handle is available in: White Bronze Brushed, Bronze Dark Lustre and Silicone Bronze Dark.

See the Hardware in section A for more information.

Glazing
LowE Double, LowE Triple and StormForce™.

Simulated Divided Lites (SDL)
Ogee Profile — 3/4" (19 mm), 1 1/8" (30 mm), 2" (51 mm).
Putty Profile — 5/8" (16 mm), 7/8" (22 mm), 1 1/8" (30 mm), 2" (51 mm).
Square Profile (interior only) — 3/4" (19 mm), 7/8" (22 mm), 1 1/8" (30 mm), 2" (51 mm).

Metal Clad Color Spectrum
All Palette colors, including anodized finishes. Available in Cyprium Collection.

HARDWARE STYLES
Marcos Handle
Flush Handle

VARIABLES
Function
Use for Egress
Available with Screen
Durability
Low Maintenance Metal Clad Exterior
Clear Douglas Fir Exterior Finish
Clear Mahogany Exterior Finish
Primed Exterior Finish
Cyprium Collection
Performance
LowE Double
LowE Triple
StormForce™
Appearance
SDL
Vertical Grain Fir Panel

Finish Options: Refer to Section A.
Standards
Units have been tested by an independent laboratory for thermal performance, air infiltration, water infiltration and structural performance.

Frame
Thermally efficient fiberglass frame and sill with Coastal Douglas Fir interior.

Alternate Species
The entire Loewen product line is also available in optional Mahogany.

Preservative Treated
All wood parts are dipped in approved preservative.

Door Panels
Opening panels are equipped with 3G corrosion resistant stainless steel wheel assemblies with flat resistant wheels and precision bearings. Aircraft grade aluminum extrusions with VG Douglas Fir Interior (Mahogany option available). Optional all wood construction available. Stiles are 3 1/2" (89 mm) wide x 3 3/16" (82 mm) high for extra strength and durability.

Glazing
With countless glazing configurations and LowE coating options, we ensure that you can choose the perfect blend of protection and comfort.

Insulating Glass
Double or triple insulating tempered glass configurations, with 1/2" (13 mm) airspace.

LowE Systems
LowE best describes the benefits of the product that incorporates glazing coatings and Argon gas. LowE systems help reduce heating and cooling costs, providing superior energy efficiency.

Simulated Divided Lites (SDL)
Standard SDL complete with airspace grilles. Grille bars are permanently applied to the interior and exterior.

Metal Cladding
Heavy duty exterior metal cladding comprised of extruded aluminum is available in a variety of Palette colors, including anodized and Cyprium™ (copper and bronze cladding). Interior of the door can be natural wood (unfinished) or primed.

Sills
Sills available in several corrosion resistant options. Flush tracks available in 1 1/2" (39 mm) versions with transverse drains with 18" (457 mm) drainage tubes. Fiberglass raised sills available for regions with more inclement weather conditions and colder climates.

Hardware
Durable, corrosion resistant hardware designed to withstand the elements providing nearly effortless operation. The solid brass Marcos handle is available in both removable and fixed configurations in three finishes: Bright Brass, Oil Rubbed Bronze and Satin Nickel. Complementary edge pulls assist in sliding the door from a pocket. The stainless steel wheel mechanisms feature deformation resistant wheels and precision bearings to ensure smooth performance.

Weatherstrip
Flexible weatherstrip ensures maximum protection against air and water infiltration.

Screen
Multi-function retractable screen available.

Specifications
Visit the Loewen Photo Gallery online at www.loewen.com for a large collection of Loewen product and elevation photography. Numerous custom window configuration opportunities exist — please contact your Authorized Loewen Dealer.

Specifications and technical information are subject to change without notice. Imperial and metric measurements are converted accurately. However, in some cases, industry standards cause a 1 mm variance. (Example: 3/4" is shown as 19 mm for all glass measurements.) Cad Download: www.loewen.com/architect | Installation Instructions: www.loewen.com
Note:
• Drawings shown are typical details.
• Additional sizes and configurations available.
• Screen options may be available depending on size and configuration.
• Raised threshold available with a maximum of 6 panels per sill (12 in a bi-parting configuration, 2 per track).
• Consult your Authorized Dealer for details.
• All dimensions to have +/- 1/16” (2 mm) tolerance.
• O = Fixed
• X = Operating
• P = Pocketing
• The preparation of the rough opening for large openings such as those required by, but not limited to, Liftslide and Bifold doors have unique requirements.

Structural headers that allow for deflection no greater than 1/8” along the unsupported length once the header is fully loaded are required. Special care needs to be taken when installing any unit including transoms above such large opening units.

Loewen is not responsible for site measurements or the determination of structural and architectural requirements for the installation of large opening products such as but not limited to, Liftslide and Bifold doors. Site specifications are the responsibility of building professionals or engineers to determine.
**Head & Sill Detail**

- **Note:**
  - Drawings shown are typical details.
  - Additional sizes and configurations available.
  - Screen options may be available depending on size and configuration.
  - Raised threshold available with a maximum of 6 panels per sill (12 in a bi-parting configuration; 2 per track).
  - Consult your Authorized Dealer for details.
  - All dimensions to have +/- 1/16” (2 mm) tolerance.
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**Plan View**

- **POCKET WIDTH 9 1/8” [232]
  - 1/2” [13mm]
  - 5 5/16” [135mm]
  - SHIM SPACE 1/2” [13mm]

- **POCKET WIDTH 9 1/8” [232]
  - 1 1/2” [38mm]
  - 1/2” [13mm]
  - 5 5/16” [135mm]

- **POCKET WIDTH 9 1/8” [232]
  - 2 3/8”
  - 3 1/2” [89mm]

- **POCKET WIDTH 9 1/8” [232]
  - 8 3/8” [212mm]
  - 1 1/2” [38mm]

- **POCKET WIDTH 9 1/8” [232]
  - 1 5/16” [42mm]

- **SHIM SPACE 1/2” [13mm]

- **1/2” DIAMETER HOLES IN CONCRETE APPROX. 3 1/2” [89mm]

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**Liftslide Door Details**

- **ROUGH OPENING SYSTEM HEIGHT**

- **BOTTOM OF PANEL TO BOTTOM OF HEADER**

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**Technical Guide | L5**
L6 | Technical Guide  LiftSlide Doors

**Note:**
- Drawings shown are typical details.
- Additional sizes and configurations available.
- Screen options may be available depending on size and configuration.
- Raised threshold available with a maximum of 8 panels per sill (12 in a bi-parting configuration, 2 per track).
- Consult your Authorized Dealer for details.
- All dimensions to have +/- 1/16” (2 mm) tolerance.
- O = Fixed
- X = Operating
- P = Pocketing
- The preparation of the rough opening for large openings such as those required by, but not limited to, LiftSlide and Bifold doors have unique requirements. Structural headers that allow for deflection no greater than 1/8” along the unsupported length once the header is fully loaded are required. Special care needs to be taken when installing any unit including transoms above such large opening units.
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Note:
- Drawings shown are typical details.
- Additional sizes and configurations available.
- Screen options may be available depending on size and configuration.
- Raised threshold available with a maximum of 6 panels per sill (12 in a bi-parting configuration; 2 per track).
- Consult your Authorized Dealer for details.
- All dimensions to have +/- 1/16" (2 mm) tolerance.
- O = Fixed
- X = Operating
- P = Pocketing
- The preparation of the rough opening for large openings such as those required by, but not limited to, LiftSlide and Bifold doors have unique requirements. Structural headers that allow for deflection no greater than 1/8" along the unsupported length once the header is fully loaded are required. Special care needs to be taken when installing any unit including transoms above such large opening units.
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Note:

• Drawings shown are typical details.
• Additional sizes and configurations available.
• Screen options may be available depending on size and configuration.
• Raised threshold available with a maximum of 6 panels per sill (12 in a bifold configuration, 2 per track).
• Consult your Authorized Dealer for details.
• All dimensions to have +/- 1/16" (2 mm) tolerance.
• O = Fixed
• X = Operating
• P = Pocketing

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**Liftslide Door Detail**

### Typical Sizes

<table>
<thead>
<tr>
<th>PANELS</th>
<th>CONFIGURATION</th>
<th>STYLE</th>
<th>FRAME TYPE</th>
<th>HEAD WIDTH</th>
<th>ROUGH OPENING WIDTH</th>
<th>ROUGH OPENING (4' Panels, No Screens)</th>
<th>FINISH POCKET WIDTH</th>
<th>FINISH POCKET WIDTH</th>
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<tr>
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<td>OX OR XO</td>
<td>STACKING</td>
<td>JAMB</td>
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### Additional configurations and sizes available. Consult your Authorized Loewen Dealer for details.

### Technical Guide

**Note:**
- **O** = Fixed
- **X** = Operating
- **P** = Pocketing
- The preparation of the rough opening for large openings such as those required by, but not limited to, Liftslide and Bifold doors have unique requirements. Structural headers that allow for deflection no greater than 1/8" along the unsupported length once the header is fully loaded are required. Special care needs to be taken when installing any unit including transoms above such large opening units.
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### LiftSlide Doors

<table>
<thead>
<tr>
<th>PANEL HEIGHT</th>
<th>ROUGH OPENING HEIGHT (1&quot; FLUSH TRACK)</th>
<th>ROUGH OPENING HEIGHT (1 1/2&quot; FLUSH TRACK)</th>
<th>ROUGH OPENING HEIGHT (RAISED THRESHOLD)</th>
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Additional heights available. Consult your Authorized Loewen Dealer for details.