Technical Guide L

LiftSlide Doors
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) high stiles
- 3/4" (19 mm) thick extruded aluminum is available in a variety of Palette colors, including anodized and Cyprium™ (copper and bronze cladding). Interior of window can be natural wood (unfinished) or primed. Metal clad units are supplied ready-to-install complete with integral metal nailing flange.

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.

Preservatif Treated
All wood parts are dipped in approved preservative. Available in Cyprium Collection.

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

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).

Simulated Divided Lites (SDL)
- All Palette colors, including anodized finishes. Available in Cyprium Collection.

Preservatif 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.

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.

Specifications

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

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 window can be natural wood (unfinished) or primed. Metal clad units are supplied ready-to-install complete with integral metal nailing flange.

Sills
Sills available in several corrosion resistant options. 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.

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

Screen
Multi-function retractable screen available.

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
**Liftslide Door Detail**

**Head & Sill Detail**

- **Plan View**
- **Glazing Stop Options**

**Note:**
- Drawings shown are typical details.
- Additional sizes and configurations are available.
- Screen options may be available depending on size and configuration.
- Consult your Authorized Dealer for details.
- Additional sizes and configurations are available.
- 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 must be taken in the preparation of the rough opening for large openings such as those required by but not limited to, Liftslide and Bifold doors. Site specifications are the responsibility of building professionals or engineers to determine.

**Head & Sill Detail**

- **Plan View**

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**Liftslide Door Detail**

**Plan View**

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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.
- Consult your Authorized Dealer for details.
- 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.
**Plan View**

- Drawings shown are typical details.
- Additional sizes and configurations available.
- Screen options may be available depending on size and configuration.
- Residential thresholds available with a minimum of 6 panels per set.
- Additional sizes and configurations available. Consult your Authorized Loewen Dealer for details.

**Typical Sizes**

<table>
<thead>
<tr>
<th>PANELS CONFIGURATION</th>
<th>STYLE FRAME TYPE</th>
<th>X</th>
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<tbody>
<tr>
<td>2 10 PXXXXX-XXXXXP BI-PARTING DUAL</td>
<td>POCKET</td>
<td>1/4</td>
</tr>
<tr>
<td>2 10 OXXXX-XXXXO BI-PARTING JAMB</td>
<td>FIXED</td>
<td>3/16</td>
</tr>
<tr>
<td>3 2 PX-XP BI-PARTING DUAL</td>
<td>POCKET</td>
<td>3/16</td>
</tr>
<tr>
<td>4 6 OXX-XXO BI-PARTING JAMB</td>
<td>FIXED</td>
<td>3/16</td>
</tr>
<tr>
<td>4 2 OX OR XO STACKING JAMB</td>
<td>FIXED</td>
<td>3/16</td>
</tr>
<tr>
<td>5 6 OXXXXX OR XXXXO STACKING JAMB</td>
<td>FIXED</td>
<td>3/16</td>
</tr>
<tr>
<td>6 10 OXXXXXXXX-XXXXXXXP STACKING SINGLE</td>
<td>POCKET</td>
<td>3/16</td>
</tr>
<tr>
<td>6 12 OXXXXX-XXXXXXP BI-PARTING DUAL</td>
<td>POCKET</td>
<td>3/16</td>
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**Note:**
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- Loewen is not responsible for site measurements or the determination of structural and architectural requirements for the installation of large opening units.
- Special care needs to be taken when installing any unit including transoms above such large opening units.
- Do not order without supplying the following: opening sizes, head and sill widths, finish pocket, head and sill heights, and rough opening height.

**Additional heights available. Consult your Authorized Loewen Dealer for details.**

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