Technical Guide J

Sliding Patio & French Doors
Specifications

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

Panel & Frame
Manufactured from Coastal Douglas Fir kiln-dried lumber with frame construction designed for 4 9/16" (116 mm) and 6 9/16" (166 mm) jamb. All wood exterior components are factory primed unless specified as clear exterior. Minor scratches or abrasions in the wood surface or primer are not considered defects.

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 panel is equipped with two sets of adjustable ball bearing tandem rollers. Sash is 2 1/4" (57 mm) thick 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 configuration, with energy efficiency. The combination of multiple weatherstrips ensure maximum protection against air and water infiltration.

Screen
Wood extruded units are available with extruded aluminum screen frame in bronze or white, with anti-glare fiberglass screen cloth. Screen frame color is matched to exterior color on metal clad units. Screen is equipped with adjustable rollers on top and bottom to assure ease of operation and accurate fitting. Stainless steel components available.

Hardware
Anti-lift security feature is standard. Security foot lock is optional. Multi-point locking hardware, complete with brass handle set and escutcheon is available. The locking hardware is also available in several optional finishes. Stainless steel rollers are optional.

Weatherstrip
The combination of multiple weatherstrips ensure maximum protection against air and water infiltration.

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 Sliding Patio & French Doors Technical Guide | J3
## Patio Door And Transom
### 2 Wide Door Sizes

<table>
<thead>
<tr>
<th>Rough Opening</th>
<th>Width</th>
<th>Frame</th>
<th>Visible Glass</th>
<th>Glass Size = Visible Glass + 15/16&quot; (24 mm)</th>
</tr>
</thead>
</table>

### 4 Wide Door Sizes

<table>
<thead>
<tr>
<th>Rough Opening</th>
<th>Width</th>
<th>Frame</th>
<th>Visible Glass</th>
<th>Glass Size = Visible Glass + 15/16&quot; (24 mm)</th>
</tr>
</thead>
</table>

### Transom

- WPT2* 1504
- WPT2* 1804
- WPT2* 2404
- WPT4* 3004
- WPT4* 3604
- WPT4* 4804

---

### Sliding Patio & French Doors

**Note:**
- SDL/Grille patterns are dependent on SDL/Grille type and window size. Please verify SDL/Grille patterns before confirming your order.
- O = Fixed, X = Operating
- Transom units.

Standard sizes shown. Additional sizes may be available. Custom sizes can be ordered.

### Glass Size

Glass Size = Visible Glass + 15/16" (24 mm)

---

*Note:*
- SDL/Grille patterns are dependent on SDL/Grille type and window size. Please verify SDL/Grille patterns before confirming your order.
- O = Fixed, X = Operating
- Transom units.

Standard sizes shown. Additional sizes may be available. Custom sizes can be ordered.
## Sliding Patio & French Doors

### Patio Door And Transom

#### Fixed Sidelite Door Sizes

<table>
<thead>
<tr>
<th>Rough Opening</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>32 1/4 (819)</td>
<td>38 1/8 (968)</td>
<td>49 15/16 (1269)</td>
</tr>
<tr>
<td>31 1/2 (800)</td>
<td>37 3/8 (950)</td>
<td>49 5/16 (1250)</td>
</tr>
<tr>
<td>24 1/8 (612)</td>
<td>30 (762)</td>
<td>41 13/16 (1062)</td>
</tr>
</tbody>
</table>

#### 3 Wide Door Sizes

<table>
<thead>
<tr>
<th>Rough Opening</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>117 5/8 (2987)</td>
<td>141 1/4 (3587)</td>
<td>160 13/16 (4085)</td>
</tr>
<tr>
<td>115 7/8 (2968)</td>
<td>140 1/2 (3568)</td>
<td>160 5/16 (4066)</td>
</tr>
<tr>
<td>161 15/16 (4367)</td>
<td>43 1/16 - 54 3/16 - 24 1/4 (612 - 1376 - 612)</td>
<td>161 13/16 - 73 13/16 (1062 - 1875 - 1062)</td>
</tr>
</tbody>
</table>

### Standard sizes shown. Additional sizes may be available. Custom sizes can be ordered.

- SDL/Grille patterns are dependent on SDL/Grille type and window size. Please verify SDL/Grille patterns before confirming your order.
- O = Fixed, X = Operating
- Transom units

#### Product Code

<table>
<thead>
<tr>
<th>Glass Size = Visible Glass + 15/16&quot; (24 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WP1 7520</td>
</tr>
<tr>
<td>WP3 3020</td>
</tr>
<tr>
<td>WP3 3068</td>
</tr>
</tbody>
</table>

---

**Note:** SDL/Grille patterns are dependent on SDL/Grille type and window size. Please verify SDL/Grille patterns before confirming your order.
Technical Guide

• Other jamb widths available.

Note:

• All dimensions to have +/- 1/16" (2mm) tolerance.

METAL CLAD DOUBLE
4 9/16" (116 mm)
2" BRICKMOULD

METAL CLAD TRIPLE
4 9/16" (116 mm)

WOOD EXTERIOR DOUBLE/TRIPLE
4 9/16" (116 mm)/6 9/16" (166 mm)
2" BRICKMOULD

WOOD EXTERIOR DOUBLE
4 9/16" (116 mm)
2" BRICKMOULD

Note:  • Other jamb widths available.
  • All dimensions to have +/- 1/16" (2mm) tolerance.
**Technical Guide**

**Sliding Patio & French Doors**

---

**Patio Door Transom Detail**

**Head & Sill Detail**

**Plan View**

- **Metal Clad Triple**
  - 6 9/16" (166 mm)
  - 2" Brickmould

- **Wood Exterior Double**
  - 4 9/16" (116 mm)
  - 2" Brickmould

- **Wood Exterior Triple**
  - 6 9/16" (166 mm)
  - 2" Brickmould

---

**Patio Door Transom Detail**

**Head & Sill Detail**

**Plan View**

- **Metal Clad Double/Triple**
  - 4 9/16" (116 mm)
  - 2" Brickmould

- **Wood Exterior Double/Triple**
  - 4 9/16" (116 mm)
  - 2" Brickmould

---

**Note:**
- Other jamb widths available.
- All dimensions to have +/- 1/16" (2mm) tolerance.
### French Patio Door And Transom
#### 2 Wide Door Sizes

<table>
<thead>
<tr>
<th>Rough Opening</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>59 13/16 (1519)</td>
<td>71 5/8 (1816)</td>
<td>95 1/4 (2419)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Frame</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>59 1/16 (1500)</td>
<td>70 7/8 (1800)</td>
<td>94 1/2 (2400)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Visible Glass</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>21 13/16 (538)</td>
<td>27 1/16 (688)</td>
<td>38 7/8 (988)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TRANSOM</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 1/2 (419)</td>
<td>15 3/4 (400)</td>
<td>10 1/2 (266)</td>
</tr>
<tr>
<td>24 3/8 (619)</td>
<td>23 5/8 (600)</td>
<td>18 3/8 (466)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DOOR</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>80 1/8 (2035)</td>
<td>79 1/2 (2020)</td>
<td>64 (1626)</td>
</tr>
<tr>
<td>81 7/8 (2080)</td>
<td>81 5/16 (2065)</td>
<td>65 13/16 (1871)</td>
</tr>
<tr>
<td>83 1/4 (2115)</td>
<td>82 11/16 (2100)</td>
<td>67 3/16 (1706)</td>
</tr>
<tr>
<td>86 9/16 (2199)</td>
<td>86 (2184)</td>
<td>70 1/2 (1790)</td>
</tr>
<tr>
<td>95 1/16 (2415)</td>
<td>94 1/2 (2400)</td>
<td>79 (2006)</td>
</tr>
<tr>
<td>98 (2489)</td>
<td>97 3/8 (2474)</td>
<td>81 7/8 (2080)</td>
</tr>
<tr>
<td>106 7/8 (2715)</td>
<td>106 5/16 (2700)</td>
<td>90 13/16 (2396)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Glass Size = Visible Glass + 15/16&quot; (24 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP2 1520</td>
<td>FP2 1820</td>
</tr>
<tr>
<td>FP2 1568</td>
<td>FP2 1868</td>
</tr>
<tr>
<td>FP2 1521</td>
<td>FP2 1821</td>
</tr>
<tr>
<td>FP2 1570</td>
<td>FP2 1870</td>
</tr>
<tr>
<td>FP2 1524</td>
<td>FP2 1824</td>
</tr>
</tbody>
</table>

### French Patio Door And Transom
#### 4 Wide Door Sizes

<table>
<thead>
<tr>
<th>Rough Opening</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>117 5/8 (2987)</td>
<td>141 1/4 (3587)</td>
<td>188 7/16 (4787)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Frame</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>116 7/8 (2968)</td>
<td>140 1/2 (3568)</td>
<td>187 11/16 (4768)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Visible Glass</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>21 13/16 (538)</td>
<td>27 1/16 (688)</td>
<td>38 7/8 (988)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TRANSOM</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 1/2 (419)</td>
<td>15 3/4 (400)</td>
<td>10 1/2 (266)</td>
</tr>
<tr>
<td>24 3/8 (619)</td>
<td>23 5/8 (600)</td>
<td>18 3/8 (466)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DOOR</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>80 1/8 (2035)</td>
<td>79 1/2 (2020)</td>
<td>64 (1626)</td>
</tr>
<tr>
<td>81 7/8 (2080)</td>
<td>81 5/16 (2065)</td>
<td>65 13/16 (1871)</td>
</tr>
<tr>
<td>83 1/4 (2115)</td>
<td>82 11/16 (2100)</td>
<td>67 3/16 (1706)</td>
</tr>
<tr>
<td>86 9/16 (2199)</td>
<td>86 (2184)</td>
<td>70 1/2 (1790)</td>
</tr>
<tr>
<td>95 1/16 (2415)</td>
<td>94 1/2 (2400)</td>
<td>79 (2006)</td>
</tr>
<tr>
<td>98 (2489)</td>
<td>97 3/8 (2474)</td>
<td>81 7/8 (2080)</td>
</tr>
<tr>
<td>106 7/8 (2715)</td>
<td>106 5/16 (2700)</td>
<td>90 13/16 (2396)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Glass Size = Visible Glass + 15/16&quot; (24 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP4 3020</td>
<td>FP4 3620</td>
</tr>
<tr>
<td>FP4 3068</td>
<td>FP4 3668</td>
</tr>
<tr>
<td>FP4 3021</td>
<td>FP4 3621</td>
</tr>
<tr>
<td>FP4 3070</td>
<td>FP4 3670</td>
</tr>
<tr>
<td>FP4 3024</td>
<td>FP4 3624</td>
</tr>
<tr>
<td>FP4 3080</td>
<td>FP4 3680</td>
</tr>
</tbody>
</table>

Standard sizes Shown. Additional sizes may be available. Custom sizes can be ordered.

Note:
- SDL/Grille patterns are dependent on SDL/Grille type and window size. Please verify SDL/Grille patterns before confirming your order.
- O = Fixed, X = Operating
- Transom units.
### French Patio Door And Transom

#### Fixed Sidelite Door Sizes

<table>
<thead>
<tr>
<th>Rough Opening</th>
<th>Frame</th>
<th>Visible Glass</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 1/2</td>
<td>15 3/4</td>
<td>10 1/2</td>
</tr>
<tr>
<td>15 3/8</td>
<td>10 1/2</td>
<td>21 13/16</td>
</tr>
<tr>
<td>15 3/8</td>
<td>18 3/8</td>
<td>38 7/8</td>
</tr>
<tr>
<td>24 3/8</td>
<td>23 5/8</td>
<td>FPT1* 7506</td>
</tr>
<tr>
<td>23 5/8</td>
<td>18 3/8</td>
<td>FPT1* 7506</td>
</tr>
<tr>
<td>23 5/8</td>
<td>18 3/8</td>
<td>FPT1* 7506</td>
</tr>
</tbody>
</table>

#### 3 Wide Door Sizes

<table>
<thead>
<tr>
<th>Rough Opening</th>
<th>Frame</th>
<th>Visible Glass</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 1/2</td>
<td>15 3/4</td>
<td>10 1/2</td>
</tr>
<tr>
<td>15 3/8</td>
<td>18 3/8</td>
<td>FPT1* 7506</td>
</tr>
<tr>
<td>24 3/8</td>
<td>23 5/8</td>
<td>FPT1* 7506</td>
</tr>
</tbody>
</table>

#### Glass Size

Glass Size = Visible Glass + 15/16" (24 mm)

#### Note:
- SDL/Grille patterns are dependent on SDL/Grille type and window size. Please verify SDL/Grille patterns before confirming your order.
- O = Fixed, X = Operating
- Transom units.

### Standard Sizes Shown. Additional sizes may be available. Custom sizes can be ordered.

---

### French Patio Door And Transom

#### Sliding Patio & French Doors

#### Fixed Sidelite Door Sizes

<table>
<thead>
<tr>
<th>Rough Opening</th>
<th>Frame</th>
<th>Visible Glass</th>
</tr>
</thead>
<tbody>
<tr>
<td>32 1/4</td>
<td>31 1/2</td>
<td>21 13/16</td>
</tr>
<tr>
<td>38 1/8</td>
<td>37 3/8</td>
<td>27 1/16</td>
</tr>
<tr>
<td>49 15/16</td>
<td>49 3/16</td>
<td>38 7/8</td>
</tr>
</tbody>
</table>

#### 3 Wide Door Sizes

<table>
<thead>
<tr>
<th>Rough Opening</th>
<th>Frame</th>
<th>Visible Glass</th>
</tr>
</thead>
<tbody>
<tr>
<td>116 7/8</td>
<td>116 7/8</td>
<td>21 3/16</td>
</tr>
<tr>
<td>141 1/4</td>
<td>141 1/4</td>
<td>27 1/16</td>
</tr>
<tr>
<td>160 13/16</td>
<td>160 13/16</td>
<td>27 1/16</td>
</tr>
</tbody>
</table>

#### Glass Size

Glass Size = Visible Glass + 15/16" (24 mm)

#### Note:
- SDL/Grille patterns are dependent on SDL/Grille type and window size. Please verify SDL/Grille patterns before confirming your order.
- O = Fixed, X = Operating
- Transom units.

### Standard sizes Shown. Additional sizes may be available. Custom sizes can be ordered.

---

**Product Code**

Glass Size = Visible Glass + 15/16" (24 mm)

See Technical Guide for full details.
French Patio Door
Detail

Plan View

METAL CLAD TRIPLE/DUPLICATE/TRIPLE THREE PANEL
4 9/16" (116 mm)/6 9/16" (166 mm)

WOOD EXTERIOR TRIPLE/DUPLICATE/TRIPLE THREE PANEL
4 9/16" (116 mm)/6 9/16" (166 mm)

2" BRICKMOULD

METAL CLAD DOUBLE/DUPLICATE/TRIPLE/TRIPLE FOUR PANEL
4 9/16" (116 mm)/6 9/16" (166 mm)

WOOD EXTERIOR DOUBLE/DUPLICATE/TRIPLE/TRIPLE FOUR PANEL
4 9/16" (116 mm)/6 9/16" (166 mm)

2" BRICKMOULD

French Patio Door Sidelite
Detail

Plan View

METAL CLAD FP2 DOUBLE/TRIPLE
4 9/16" (116 mm)

METAL CLAD FP1 (SIDELITE) TRIPLE
6 9/16" (166 mm)

WOOD EXTERIOR FP2 DOUBLE/TRIPLE
4 9/16" (116 mm)

WOOD EXTERIOR FP1 (SIDELITE) TRIPLE
6 9/16" (166 mm)

Head & Sill Detail

Note: • Other jamb widths available.
• All dimensions in frames + 1/32" (1.5 mm) tolerance.

Note: • Other jamb widths available.
• All dimensions in frames + 1/32" (1.5 mm) tolerance.
French Patio Door Transom

Head & Sill Detail

Plan View

Note:
• Other jamb widths available.
• All dimensions to finish ± 1/16" (1.6 mm) tolerance.

METAL CLAD TRIPLE
4 9/16" (116 mm)

WOOD EXTERIOR DOUBLE
4 9/16" (116 mm)
2" BRICKMOULD

WOOD EXTERIOR TRIPLE
4 9/16" (116 mm)
2" BRICKMOULD

WOOD EXTERIOR DOUBLE/DOUBLE/TRIPLE
FOUR PANEL
4 9/16" (116 mm)/4 9/16" (116 mm)/4 9/16" (116 mm)
2" BRICKMOULD

WOOD EXTERIOR TRIPLE/DOUBLE/DOUBLE/TRIPLE
FOUR PANEL
4 9/16" (116 mm)/4 9/16" (116 mm)/4 9/16" (116 mm)
2" BRICKMOULD

WOOD EXTERIOR DOUBLE/TRIPLE
TWO PANEL
4 9/16" (116 mm)/6 9/16" (166 mm)
2" BRICKMOULD

WOOD EXTERIOR TRIPLE/DOUBLE/DOUBLE/TRIPLE
TWO PANEL
4 9/16" (116 mm)/4 9/16" (116 mm)/4 9/16" (116 mm)
2" BRICKMOULD

WOOD EXTERIOR TRIPLE
4 9/16" (116 mm)
2 5/8"

WOOD EXTERIOR TRIPLE
4 9/16" (116 mm)
2 5/8"

WOOD EXTERIOR TRIPLE
4 9/16" (116 mm)
2 5/8"