



BIFOLD DOORS

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BIFOLD DOORS



Douglas Fir Bifold Door
(3L1R interior view)

Loewen Bifold doors are styled on our Terrace and French Door panels. Bifold systems are available in configurations up to 16 panels, allowing for openings up to 52 feet.

PRODUCT FEATURES

STANDARD FEATURES

- Natural Douglas Fir interior (no visible finger joints)
- Frame construction designed for 6 9/16" (166 mm) jamb
- 4 mm Low E² insulated tempered glazing
- Multi-point locking hardware and easy operating flush bolts
- Concealed intermediate guide and sill drainage system
- Extruded aluminum cladding in nine standard colors, primed wood or clear Fir exterior
- Santoprene™ weatherstrip system

HARDWARE:

Hardware and hardware finishes are dependent on hardware choices.

GLAZING:

Heat-Smart® Plus 1.

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.



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
2 – Shropshire/Churchill only

	Bifold
Handle 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
Antique Brass	●
Brushed Chrome	○
Satin Nickel Resista	○
Polished Brass/ Satin Brass Resista	○
Polished Brass Resista	●

	Bifold
Hinges and Flush Bolts – Finish Options	
Oil Rubbed Bronze	○
Brushed Aluminum	○
Bright Brass	●
Variables	
Function:	
Use for Egress	●
Multi-point Hardware	●
Durability:	
Low Maintenance Metal Clad Exterior	● ¹
Clear Douglas Fir Exterior Finish	●
Clear Mahogany Exterior Finish	○
Primed Exterior Finish	●
Performance:	
Heat-Smart® Plus 1	●
Appearance:	
SDL	○
Vertical Grain Fir Panel	●

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

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Bifold Doors



SPECIFICATIONS

DOOR AND FRAME

The basic specifications include Douglas Fir wood door and frame. Door sill with integrated drainage system is clad with bronze anodized aluminum. All exterior components are factory primed; minor scratches or abrasions are not considered defects. Refer to elevation drawings for screen availability.

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 ensure a positive seal.

INSULATING GLASS

Double glass configuration with 1/2" (12 mm) airspace.

HEAT-SMART® Plus System 1

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 door remains a natural wood finish as a standard. Metal clad units are supplied ready-to-install complete with nailing flange.

HARDWARE

Multi-point locking hardware and easy operating flush bolts are standard on all Bifold Doors. Optional keyed alike locks are available. Standard concealed bearing hinges in a variety of finishes are available.

WEATHERSTRIP

Bottom corners of the door are weatherstripped with a pile dust plug attached to the side jambs. Operating panels will be sealed with a wrapped foam weatherstrip at the head, side jambs, and between panels to provide a tight seal.

BIFOLD DOOR DETAILS

		Standard Bifold OSM-widths using standard TD Panel (inch)					
Number of standard TD Panels in Bifold Door Unit	Imperial	15 13/16	21 3/4	28 9/16	31 27/32	34 1/2	38 7/16
	2	33 15/16	45 3/4	59 7/16	65 31/32	71 1/4	79 1/8
	3	49 29/32	67 5/8	88 3/16	98	105 29/32	117 23/32
	4	65 29/32	89 17/32	116 15/16	130	140 9/16	156 5/16
	5	81 7/8	111 13/32	145 21/32	162	175 3/16	194 7/8
	6	97 7/8	133 5/16	174 13/32	194 1/32	209 27/32	233 15/32
	7	113 27/32	155 3/16	203 5/32	226 1/32	244 1/2	272 1/16
	8	129 27/32	177 3/32	231 7/8	258 1/32	279 1/8	310 5/8
	9	145 13/16	198 31/32	260 5/8	290 1/32	313 25/32	349 7/32
	10	161 13/16	220 7/8	289 3/8	322 1/16	348 7/16	387 25/32
	11	177 25/32	242 3/4	318 1/8	354 1/16	383 1/16	426 3/8
	12	193 25/32	264 21/32	346 27/32	386 1/16	417 23/32	464 31/32
	13	209 3/4	286 17/32	375 19/32	418 1/16	452 3/8	503 17/32
	14	225 3/4	308 7/16	404 11/32	450 3/32	487	542 1/8
	15	241 23/32	330 5/16	433 1/16	482 3/32	521 21/32	580 23/32
	16	257 23/32	352 7/32	461 13/16	514 3/32	556 5/16	619 9/32

Maximum Panel Weight: 176 lbs (80kg)

		Standard Bifold OSM-widths using standard TD Panel (mm)					
Number of standard TD Panels in Bifold Door Unit	Metric	402	552	726	809	876	976
	2	862	1162	1510	1676	1810	2010
	3	1268	1718	2240	2489	2690	2990
	4	1674	2274	2970	3302	3570	3970
	5	2080	2830	3700	4115	4450	4950
	6	2486	3386	4430	4928	5330	5930
	7	2892	3942	5160	5741	6210	6910
	8	3298	4498	5890	6554	7090	7890
	9	3704	5054	6620	7367	7970	8870
	10	4110	5610	7350	8180	8850	9850
	11	4516	6166	8080	8993	9730	10830
	12	4922	6722	8810	9806	10610	11810
	13	5328	7278	9540	10619	11490	12790
	14	5734	7834	10270	11432	12370	13770
	15	6140	8390	11000	12245	13250	14750
	16	6546	8946	11730	13058	14130	15730

Maximum Panel Weight: 176 lbs (80kg)

Standard TD Panel Heights		Standard Bifold OSM Heights	
Imperial	Metric	Imperial	Metric
76 3/32	1933	80 19/32	2047
77 7/8	1978	82 3/8	2092
82 9/16	2097	87 1/16	2211
91 1/16	2313	65 9/16	2427
1102 7/8	2613	107 3/8	2727

Note: Bifold doors using standard TD panels will be 1 1/16" (27 mm) higher than standard TD/FD units.



Bifold Doors

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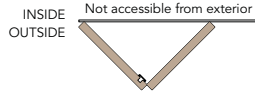
J5

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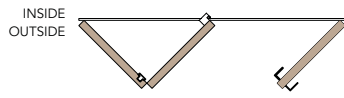
BIFOLD DOOR DETAILS

TYPICAL BIFOLD CONFIGURATIONS

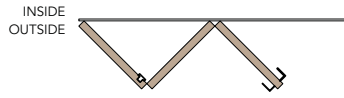
2L



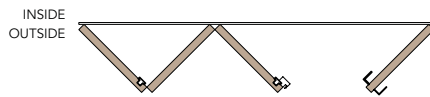
2L1R



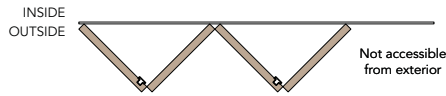
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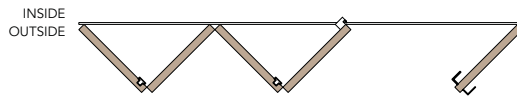
3L1R



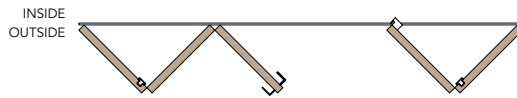
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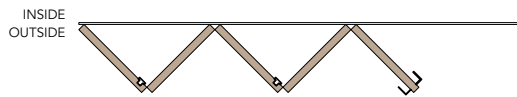
4L1R



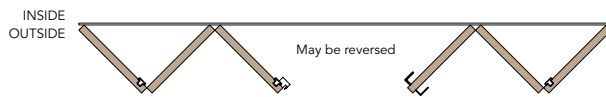
3L2R



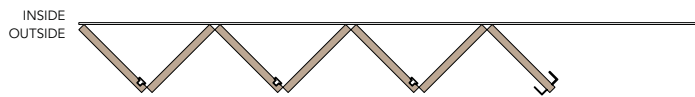
5L



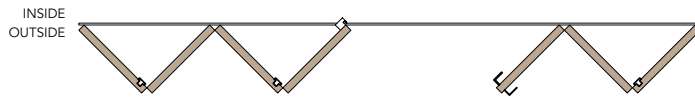
3L3R



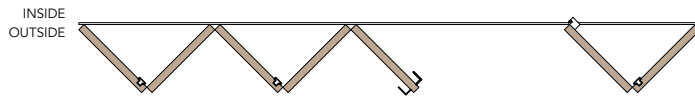
7L



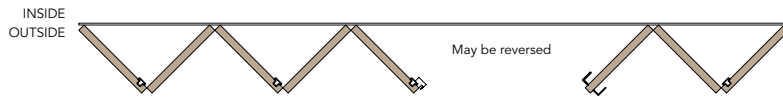
4L3R



5L2R

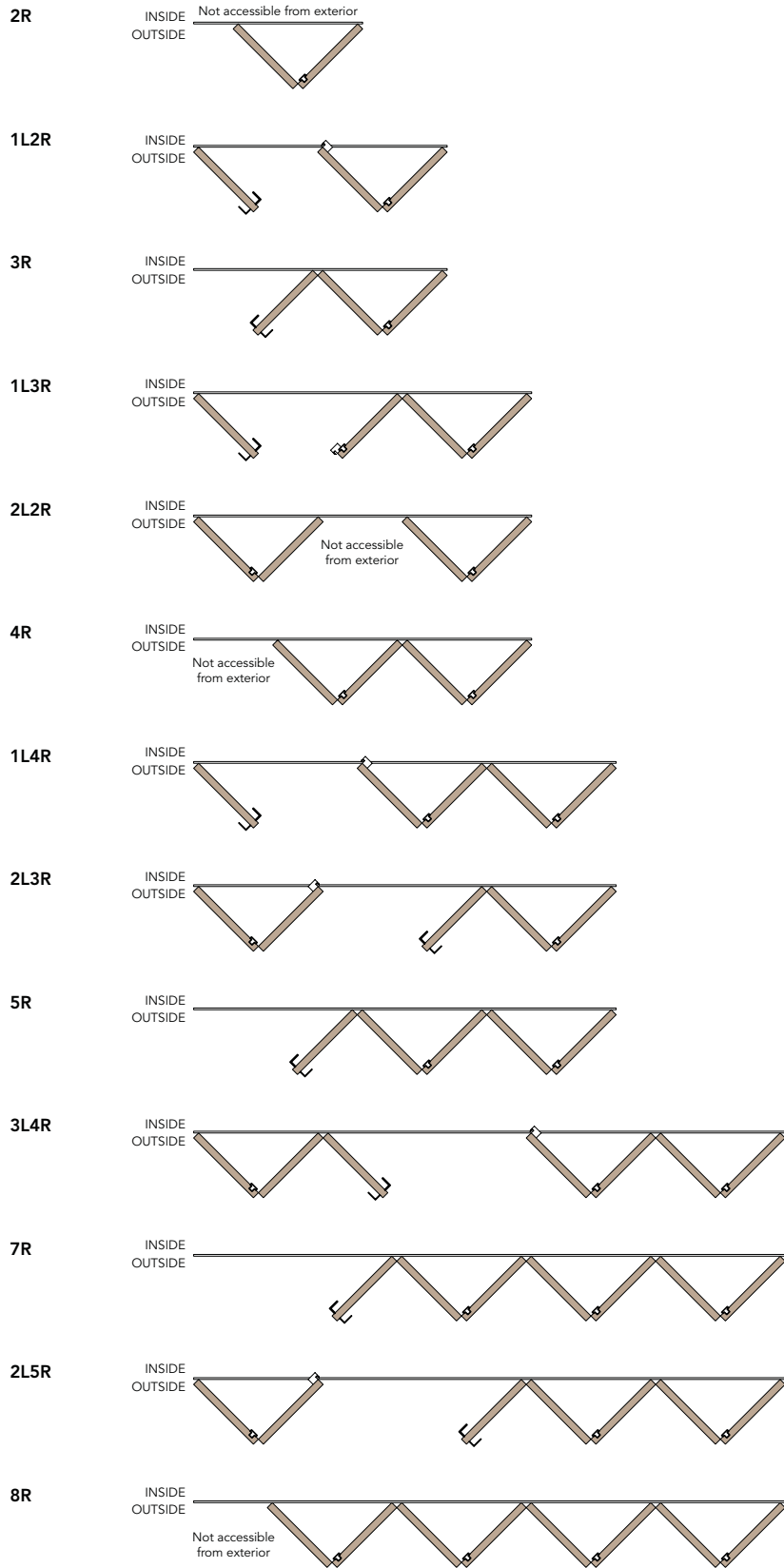


5L3R



BIFOLD DOOR DETAILS

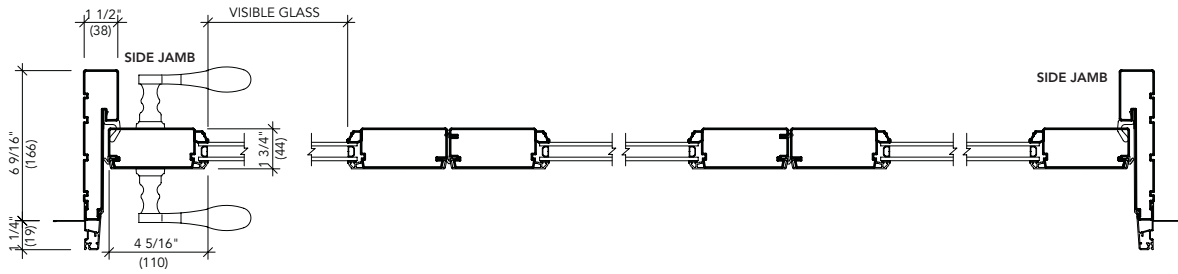
TYPICAL BIFOLD CONFIGURATIONS



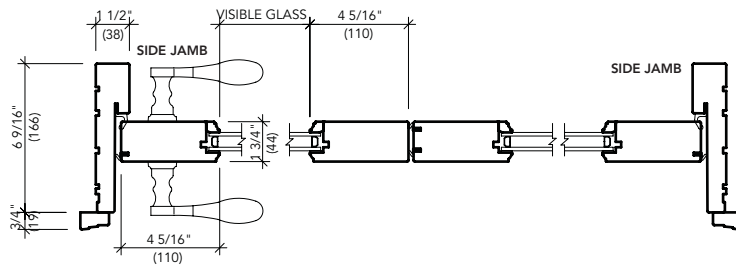
BIFOLD DOOR DETAILS

PLAN VIEW – METAL CLAD & WOOD

Not to Scale



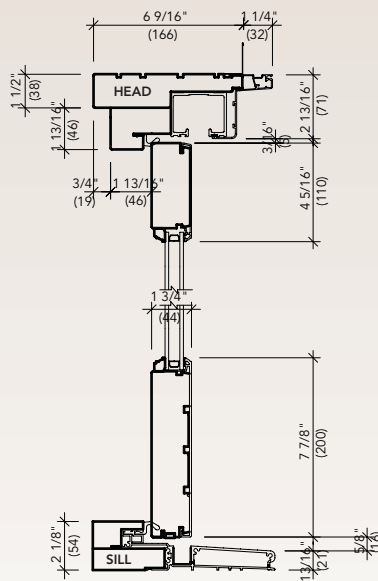
METAL CLAD 3 PANEL
9 9/16" (166 mm)



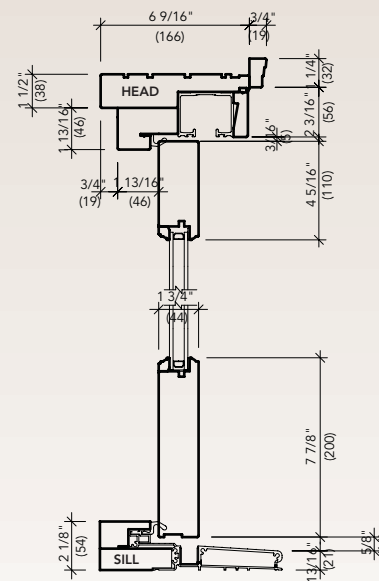
WOOD 2 PANEL
6 9/16" (166 mm)

PLAN VIEW – METAL CLAD & WOOD

Not to Scale



METAL CLAD
6 9/16" (166 mm)



WOOD
6 9/16" (166 mm)

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

