



Dowell  
**BI-FOLD**  
DOOR

**TECHNICAL**  
INFORMATION

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**DOWELL**



## Dowell BI-FOLD DOOR

The Dowell Bi-Fold door system provides an ideal opportunity to maximise living floor space and combine the benefits of indoor/outdoor entertaining.

### FEATURES

- Versatile and aesthetically pleasing design.
- Durable low maintenance, easy-clean aluminium profiles.
- Custom size and colours are available.
- Low E glazing option for increased energy efficiency.
- Suitable for residential and multi storey applications.
- Robust perimeter frame.
- Hardware provides durability with ease of operation.
- High performance seals for exposed locations.
- Jamb Pivots designed for easy adjustment of doors without having to remove the door panels.
- A wide variety of panel configurations to suit most floor plan layouts.
- Options available subject to weather exposure limitations.
- Product available in double glazed configurations in some states.
- Optional powder coated stainless steel and brass finishes available.
- Single active leaf option is available in certain configurations.

### HARDWARE

- Options available, please consult your local sales representative for more information.

### BI-FOLD DOOR ENERGY PERFORMANCE

					
PRODUCT	Standard Single Glazed	Standard Single Glazed	Standard Double Glazed	Standard Double Glazed	Standard Double Glazed
DOOR TYPE	Bi-Fold	Bi-Fold	Bi-Fold	Bi-Fold	Bi-Fold
GLASS OPTION	* 4mm Clr.	* 6mm SP10 Clr.	* 4mm Clr. /12mm Arg. gas/4mm Clr.	* LB Clr.SO 4mm /12mm Arg.gas /4mm Clr.	* LB Gy.SO 4mm /12mm Arg.gas /4mm Clr.
FRAME TYPE	Standard Aluminium	Standard Aluminium	Standard Aluminium	Standard Aluminium	Standard Aluminium
AIR INFILTRATION	5.0	5.0	5.0	5.0	5.0
HEATING (STARS)	★★ 11%	★★★ 26%	☆☆★★ 35%	★★★★ 39%	☆☆★★ 32%
COOLING (STARS)	☆☆ 24%	☆☆★ 40%	☆☆★ 41%	☆☆★★ 53%	☆☆★★ 61%
*SHGC	0.62	0.51	0.54	0.44	0.31
U <sub>w</sub> -VALUE	<b>6.2</b>	<b>4.7</b>	<b>4.1</b>	<b>3.2</b>	<b>3.2</b>

\* TGN = Toughen glass used, please consult your Dowell representative for more information.

PERFORMANCE	Non Cyclonic	Cyclonic
	<b>N1 - N4</b>	<b>C1 - C2</b>

### FLY, SECURITY AND BARRIER SCREEN OPTIONS

BI-FOLD DOOR	1810 - 4570 (Wide)
2100 (High)	RF

RF = Retractable Fly Screen

### BUSH FIRE RATED

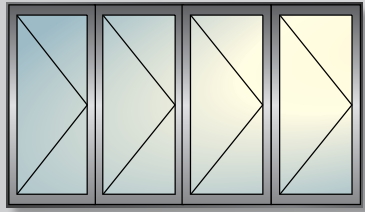
ATTACK LEVEL	BAL LOW	-	BAL - 29
DOOR FRAME	Aluminium		Aluminium
DOOR GLAZING	No special requirements.		6mm toughened glass.
HARDWARE	As Above		metal.

Note: BAL - 40 must include Full External Screening to comply.

### HARDWARE OPTIONS

KEY LOCKS	STAINLESS STEEL LOCKS	COLOUR MATCH LOCKS / HANDLES
Standard	Option	Option

Note: Hardware options may vary from state to state, please consult your local sales representative or more information.



Bi-Fold door

AVAILABLE IN:  RESIDENTIAL

BI-FOLD DOORS (N1-N4)							
		1870	2470	3070	3670	3670	4630
Stud Opening		1870	2470	3070	3670	3670	4630
Door		1810	2410	3010	3610	3610	4570
2140	2100						
		BFD2118-3L	BFD2124-4L	BFD2130-4L	BFD2136-4L	BFD2136-5L	BFD2145-5L
		BFD2118-2L1R	BFD2124-3L1R	BFD2130-3L1R	BFD2136-3L1R	BFD2136-4L1R	BFD2145-4L1R
BFD2118-1L2R	BFD2124-2L2R	BFD2130-2L2R	BFD2136-2L2R	BFD2136-3L2R	BFD2145-3L2R		
BFD2118-3R	BFD2124-1L3R	BFD2130-1L3R	BFD2136-1L3R	BFD2136-2L3R	BFD2145-2L3R		
		BFD2124-4R	BFD2130-4R	BFD2136-4R	BFD2136-1L4R	BFD2145-1L4R	

**OPTION**

Screens

Internal retractable screens are available. Please consult your local sales office for more information

Standard sizes and colours are available on short lead times. Some sizes and special colours are subject to longer lead times. Please refer to your local sales office for confirmation.



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Our builders **know best**

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