



**TREND**<sup>®</sup>  
WINDOWS

& DOORS

# TIMBER SIZE RANGE MANUAL.

**BOTANICA** Timber Series



# BOTANICA TIMBER SERIES



Hardware in this image is the customer's own.

More and more people are choosing timber windows and doors and it's simple to see why. First of all, nothing can match the natural beauty and authentic feel of timber. It's also a brilliant insulator and one of the most energy efficient window and door frames available, helping to make homes more comfortable year-round. With generous window and door openings sizes you can create an immediate

relationship with the outdoors, allowing you to immerse yourself in the natural world. And, as a building material it matches with concrete, stone, ceramics, or bricks. That means Botanica will be perfectly at home within your home, regardless of whether it is a timeless classic or even the most contemporary of architecture.



# BOTANICA AWNING WINDOWS

- Timber available: Western Red Cedar and Meranti
- Code Prefix: To order add 'W' for Cedar and 'M' for Meranti to the front of the codes below
- This page details our standard size range, refer to page 42-43 for products maximum size
- ▲ Available as full width sash
- Available in full height

		WIDTH (MM)								
		Brick size Stud opening Frame	2.5 630 610	3 750 730	3.5 870 850	930 910	5 1230 1210	6 1470 1450	6.5 1530 1510	6.5 1590 1570
HEIGHT (MM)	7 620 600									
	10 877 857									
	920 900									
	12 1050 1030									
	14 1220 1200									
	16 1390 1370									
	17 1477 1457									
	1520 1500									
	1200 600									
	1370 730									

7.5 1830 1810	2130 2110	9 2190 2170	10 2430 2410	11 2670 2650











































































# BOTANICA CASEMENT WINDOWS














































- Timber available: Western Red Cedar and Meranti

- Code Prefix: To order add 'W' for Cedar and 'M' for Meranti to the front of the codes below

- This page details our standard size range, refer to page 42-43 for products maximum size

▲ Available in full height sash

		WIDTH (MM)							
Brick size		2.5	3	3.5	5	6	6.5		
Stud opening		630	750	870	1230	1470	1530	1590	
Frame		610	730	850	1210	1450	1510	1570	
HEIGHT (MM)	10 877 857								
	920 900								
	12 1050 1030								
	14 1220 1200								
	16 1390 1370								
	17 1477 1457								
	1520 1500								
	1370 665								
1200 900									

7.5	2130	9	10	11
1830 1810	2110	2190 2170	2430 2410	2670 2650
				
				
				
				
				
				
				
				
				



# BOTANICA BI-FOLD WINDOWS

## 2 panel

2 LEFT		2 RIGHT	
WITH SCREENS	WITHOUT SCREENS	WITH SCREENS	WITHOUT SCREENS
BWS-2/2L	BW-2/2L	BWS-2/2R	BW-2/2R

## 3 panel

2 LEFT		2 RIGHT	
WITH SCREENS	WITHOUT SCREENS	WITH SCREENS	WITHOUT SCREENS
BWS-3/3L	BW-3/3L	BWS-3/3R	BW-3/3R

## 4 panel

4 LEFT		2 LEFT / 2 RIGHT		4 RIGHT	
WITH SCREENS	WITHOUT SCREENS	WITH SCREENS	WITHOUT SCREENS	WITH SCREENS	WITHOUT SCREENS
BWS-4/4L	BW-4/4L	BWS-4/2L2R	BW-4/2L2R	BWS-4/4R	BW-4/4R

- Timber available: Western Red Cedar and Meranti
- Code Prefix: To order add 'W' for Cedar and 'M' for Meranti to the front of the codes below
- This page details our standard configurations, refer to page 42-43 for products maximum size
- Bi-fold windows open-out as standard (open-in option available)
- Bi-fold windows are top hung. The weight of the bi-fold window must be considered in the structural beam calculation of the overall structure
- The bi-fold window and frame are not structural elements and the head of the frame should be attached to the structural beam





# BOTANICA SLIDING WINDOWS

		WIDTH (MM)					
		Brick size	3.5	5	6	6.5	
		Stud opening	870	1230	1470	1590	
		Frame	850	1210	1450	1570	
HEIGHT (MM)	7 620 600						
	10 877 857						
	920 900						
	12 1050 1030						
	14 1220 1200						
	16 1390 1370						
	17 1477 1457						
	1520 1500						
	1370 665						
	1200 900						
	21 1820 1800						
	2120 2100						

- Timber available: Western Red Cedar and Meranti

- Code Prefix: To order add 'W' for Cedar and 'M' for Meranti to the front of the codes below

- This page details our standard size range, refer to page 42-43 for products maximum size

- All sliding windows feature an internal sliding sash

7.5	9	10	11
1830 1810	2130 2110	2190 2170	2430 2410
2670 2650			



# BOTANICA DOUBLE HUNG

- Timber available: Western Red Cedar and Meranti
- Code Prefix: To order add 'W' for Cedar and 'M' for Meranti to the front of the codes below
- This page details our standard size range, refer to page 42-43 for products maximum size
- Decorative horns available as an option
- ▲ Available in full height

		WIDTH (MM)							
		2.5	3	3.5	5	6	1530	6.5	
Brick size		630	750	870	930	1230	1470	1530	6.5
Stud opening		610	730	850	910	1210	1450	1510	1590
Frame		610	730	850	910	1210	1450	1510	1570
HEIGHT (MM)	10 877 857	D0806	D0807	D0808	D0809	D0812	D0814	D0815	D0816
	920 900	D0906	D0907	D0908	D0909	D0912	D0914	D0915	D0916
	12 1050 1030	D1006	D1007	D1008	D1009	D1012	D1014	D1015	D1016
	14 1220 1200	D1206	D1207	D1208	D1209	D1212	D1214	D1215	D1216
	16 1390 1370	D1306	D1307	D1308	D1309	D1312	D1314	D1315	D1316
	17 1477 1457	D1406	D1407	D1408	D1409	D1412	D1414	D1415	D1416
	1520 1500	D1506	D1507	D1508	D1509	D1512	D1514	D1515	D1516
	21 1820 1800	D1806	D1807	D1808	D1809	D1812	D1814	D1815	D1816
2120 2100	D2106T ▲	D2107T ▲	D2108T ▲	D2109T ▲	D2112T ▲	D2114T ▲	D2115T ▲	D2116T ▲	

7.5	2130	9	10	11
1830 1810	2110	2190 2170	2430 2410	2670 2650
D0818	D0821	D0822	D0824	D0827
D0918	D0921	D0922	D0924	D0927
D1018	D1021	D1022	D1024	D1027
D1218	D1221	D1222	D1224	D1227
D1318	D1321	D1322	D1324	D1327
D1418	D1421	D1422	D1424	D1427
D1518	D1521	D1522	D1524	D1527
D1818	D1821	D1822	D1824	D1827
D2118T ▲	D2121T ▲	D2122T ▲	D2124T ▲	D2127T ▲

# ANEETA SASHLESS WINDOWS

- Timber available: Western Red Cedar and Meranti

- Code Prefix: To order add 'W' for Cedar and 'M' for Meranti to the front of the codes below

▲ Available with a transom

- Colour of Aneeta aluminium insert must be specified at time of order

- Timber covers available for some configurations

		WIDTH (MM)							
Brick size Stud opening Frame		2.5 630 610	3 750 730	3.5 870 850	930 910	5 1230 1210	6 1470 1450	1530 1510	6.5 1590 1570
HEIGHT (MM)	10 877 857	DSL0806	DSL0807	DSL0808	DSL0809	DSL0812	DSL0814	DSL0815	DSL0816
	920 900	DSL0906	DSL0907	DSL0908	DSL0909	DSL0912	DSL0914	DSL0915	DSL0916
	12 1050 1030	DSL1006	DSL1007	DSL1008	DSL1009	DSL1012	DSL1014	DSL1015	DSL1016
	14 1220 1200	DSL1206	DSL1207	DSL1208	DSL1209	DSL1212	DSL1214	DSL1215	DSL1216
	16 1390 1370	DSL1306	DSL1307	DSL1308	DSL1309	DSL1312	DSL1314	DSL1315	DSL1316
	17 1477 1457	DSL1406	DSL1407	DSL1408	DSL1409	DSL1412	DSL1414	DSL1415	DSL1416
	1520 1500	DSL1506	DSL1507	DSL1508	DSL1509	DSL1512	DSL1514	DSL1515	DSL1516
	21 1820 1800	DSL1806	DSL1807	DSL1808	DSL1809	DSL1812	DSL1814	DSL1815	DSL1816
	2120 2100	DSL2106 ▲	DSL2107 ▲	DSL2108 ▲	DSL2109 ▲	DSL2112 ▲	DSL2114 ▲	DSL2115 ▲	DSL2116 ▲

7.5 1870 1810	2170 2110	9 2230 2170	10 2470 2410	11 2710 2650
DSL0818	DSL0821	DSL0822	DSL0824	DSL0827
DSL0918	DSL0921	DSL0922	DSL0924	DSL0927
DSL1018	DSL1021	DSL1022	DSL1024	DSL1027
DSL1218	DSL1221	DSL1222	DSL1224	DSL1227
DSL1318	DSL1321	DSL1322	DSL1324	DSL1327
DSL1418	DSL1421	DSL1422	DSL1424	DSL1427
DSL1518	DSL1521	DSL1522	DSL1524	DSL1527
DSL1818	DSL1821	DSL1822	DSL1824	DSL1827
DSL2118 ▲	DSL2121 ▲	DSL2122 ▲	DSL2124 ▲	DSL2127 ▲



# BREEZWAY LOUVRE WINDOWS

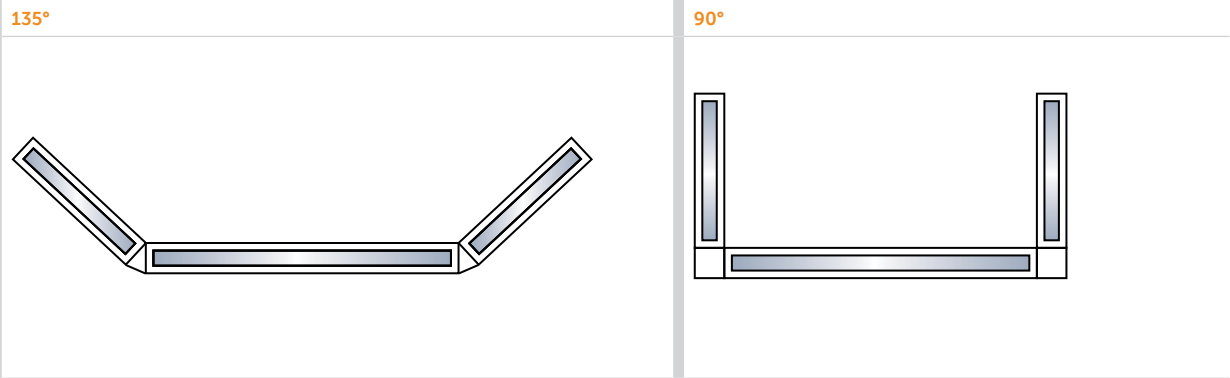
- Timber available: Western Red Cedar and Meranti
- Code Prefix: To order add 'W' for Cedar and 'M' for Meranti to the front of the codes below
- The below sizes are for a 152mm blade. 102mm blade also available
- Colour of Breezway aluminium insert must be specified at time of order

		WIDTH (MM)								
		430	2.5 630	930	1217	1817	1804	2704	3591	4478
		Stud opening 410	610	910	1197	1797	1784	2684	3571	4458
HEIGHT (MM)	Brick size									
	413 393	L0404/1	L0406/1	L0409/1	L0412/2	L0418/2	L0418/3	L0427/3	L0436/4	L0445/5
553 533	L0504/1	L0506/1	L0509/1	L0512/2	L0518/2	L0518/3	L0527/3	L0536/4	L0545/5	
693 673	L0704/1	L0706/1	L0709/1	L0712/2	L0718/2	L0718/3	L0727/3	L0736/4	L0745/5	
883 813	L0804/1	L0806/1	L0809/1	L0812/2	L0818/2	L0818/3	L0827/3	L0836/4	L0845/5	
11 973 953	L0904/1	L0906/1	L0909/1	L0912/2	L0918/2	L0918/3	L0927/3	L0936/4	L0945/5	
1113 1093	L1104/1	L1106/1	L1109/1	L1112/2	L1118/2	L1118/3	L1127/3	L1136/4	L1145/5	
1253 1233	L1204/1	L1206/1	L1209/1	L1212/2	L1218/2	L1218/3	L1227/3	L1236/4	L1245/5	
16 1393 1373	L1404/1	L1406/1	L1409/1	L1412/2	L0418/2	L1418/3	L1427/3	L1436/4	L1445/5	
1533 1513	L1504/1	L1506/1	L1509/1	L1512/2	L1518/2	L1518/3	L1527/3	L1536/4	L1545/5	
1673 1653	L1604/1	L1606/1	L1609/1	L1612/2	L1618/2	L1618/3	L1627/3	L1636/4	L1645/5	
21 1813 1793	L1804/1	L1806/1	L1809/1	L1812/2	L1818/2	L1818/3	L1827/3	L1836/4	L1845/5	
1953 1933	L1904/1	L1906/1	L1909/1	L1912/2	L1918/2	L1918/3	L1927/3	L1936/4	L1945/5	

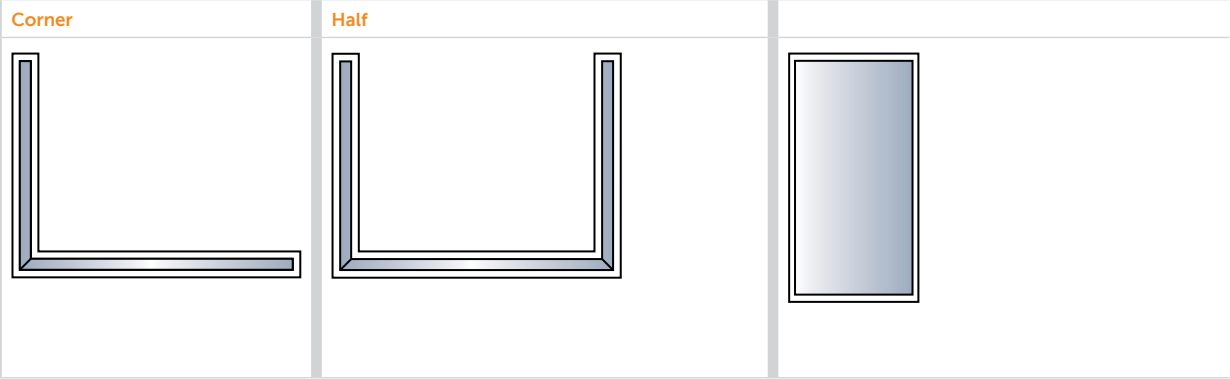
		WIDTH (MM)								
		430	2.5 630	930	1217	1817	1804	2704	3591	4478
		Stud opening 410	610	910	1197	1797	1784	2684	3571	4458
HEIGHT (MM)	Brick size									
	2093 2073	L2104/1	L2106/1	L2109/1	L2112/2	L2118/2	L2118/3	L2127/3	L2136/4	L2145/5
2233 2213	L2204/1	L2206/1	L2209/1	L2212/2	L2218/2	L2218/3	L2227/3	L2236/4	L2245/5	
2373 2353	L2304/1	L2306/1	L2309/1	L2312/2	L2318/2	L2318/3	L2327/3	L2336/4	L2345/5	
29 2513 2493	L2504/1	L2506/1	L2509/1	L2512/2	L2518/2	L2518/3	L2527/3	L2536/4	L2545/5	
2653 2633	L2604/1	L2606/1	L2609/1	L2612/2	L2618/2	L2618/3	L2627/3	L2636/4	L2645/5	
2793 2773	L2804/1	L2806/1	L2809/1	L2812/2	L2818/2	L2818/3	L2827/3	L2836/4	L2845/5	
21 2933 2913	L2904/1	L2906/1	L2909/1	L2912/2	L2918/2	L2918/3	L2927/3	L2936/4	L2945/5	
3073 3053	L3004/1	L3006/1	L3009/1	L3012/2	L3018/2	L3018/3	L3027/3	L3036/4	L3045/5	

# BOTANICA FIXED WINDOWS

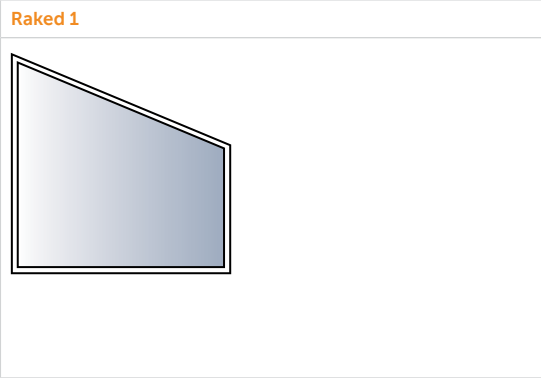
## Bay windows



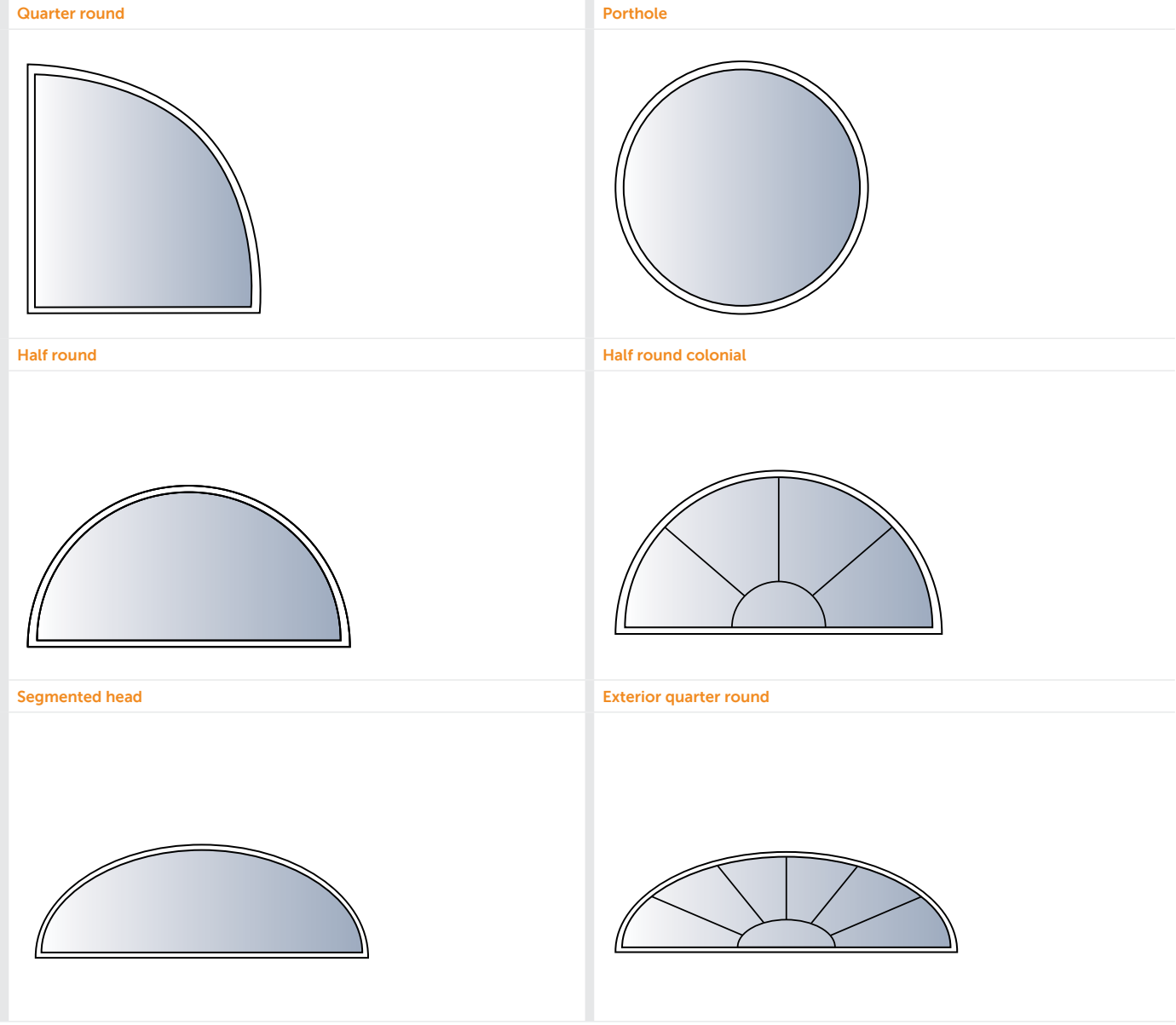
## Silicone butt joints



## Rakes



# BOTANICA CUSTOMISED OPTIONS

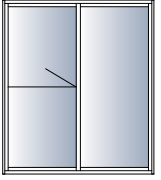




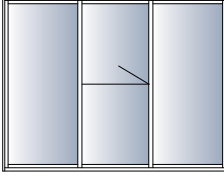
# BOTANICA SLIDING DOORS

- Timber available: Western Red Cedar and Meranti
- Code Prefix: To order add 'W' for Cedar and 'M' for Meranti to the front of the codes below
- This page details our standard size range, refer to page 42-43 for products maximum size

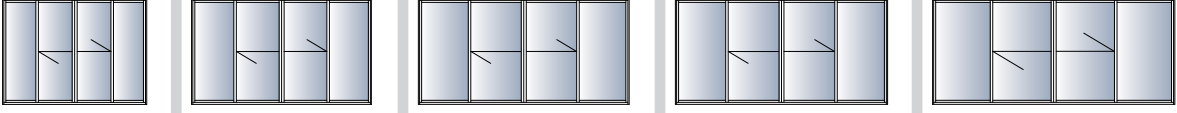
## 2 lite sliding door

		WIDTH (MM)			
		Brick size Stud opening Frame	7.5 1830 1810	2130 2110	10 2430 2410
HEIGHT (MM)	2120				
	2100				
			XD2118	XD2121	XD2124

## 3 lite sliding door

		WIDTH (MM)			
		Brick size Stud opening Frame	11.5 2792 2772	13.5 3242 3222	3692 3672
HEIGHT (MM)	2120				
	2100				
			XD2128	XD2132	XD2137

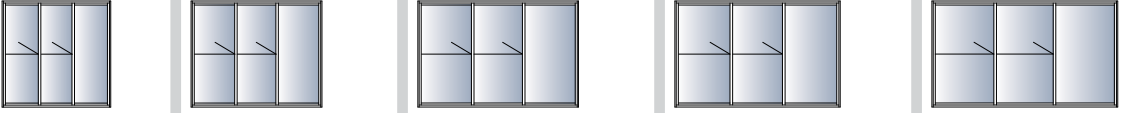
## 4 lite sliding door

		WIDTH (MM)					
		Brick size Stud opening Frame	2724 2704	13 3124 3104	3580 3560	4180 4160	4780 4760
HEIGHT (MM)	2120						
	2100						
			XD2127	XD2131	XD2136	XD2142	XD2147


# BOTANICA STACKER DOORS

- Timber available: Western Red Cedar and Meranti
- Code Prefix: To order add 'W' for Cedar and 'M' for Meranti to the front of the codes below
- This page details our standard size range, refer to page 42-43 for products maximum size

## 3 lite stacking door

		WIDTH (MM)					
		Brick size Stud opening Frame	2012 1992	2312 2292	11 2654 2634	3104 3084	3554 3534
HEIGHT (MM)	2120						
	2100						
			SD2120	SD2123	SD2126	SD2131	SD2135

## 6 lite stacking door

		WIDTH (MM)		
		Brick size Stud opening Frame	4544 4524	5228 5208
HEIGHT (MM)	2120			
	2100			
			SD2145	SD2152

# BOTANICA BI-FOLD DOORS

- Timber available: Western Red Cedar and Meranti
- Code Prefix: To order add 'W' for Cedar and 'M' for Meranti to the front of the codes below
- This page details our standard size range, refer to page 42-43 for products maximum size
- Bi-fold doors open-out as standard (open-in option available)
- The bi-fold door is top hung. The weight of the bi-fold door must be considered in the structural beam calculation of the overall structure
- The bi-fold door and frame are not structural elements and the head of the frame should be attached to the structural beam

**2 panel**

WIDTH (MM)	2 LEFT	2 RIGHT
1310	BF2113/2L	BF2113/2R
1510	BF2115/2L	BF2115/2R
1710	BF2117/2L	BF2117/2R

**3 panel**

WIDTH (MM)	3 LEFT	2 LEFT, 1 RIGHT	1 LEFT, 2 RIGHT	3 RIGHT
1934	BF2119/3L	BF2119/2L1R	BF2119/1L2R	BF2119/3R
2234	BF2122/3L	BF2122/2L1R	BF2122/1L2R	BF2122/3R
2534	BF2125/3L	BF2125/2L1R	BF2125/1L2R	BF2125/3R

**4 panel**

WIDTH (MM)	4 LEFT	3 LEFT, 1 RIGHT	2 LEFT, 2 RIGHT	1 LEFT, 3 RIGHT
2558	BF2126/4L	BF2126/3L1R	BF2126/2L2R	BF2126/1L3R
2958	BF2130/4L	BF2130/3L1R	BF2130/2L2R	BF2130/1L3R
3358	BF2134/4L	BF2134/3L1R	BF2134/2L2R	BF2134/1L3R

**5 panel**

WIDTH (MM)	5 LEFT	4 LEFT, 1 RIGHT	3 LEFT, 2 RIGHT	2 LEFT, 3 RIGHT
3182	BF2132/5L	BF2132/4L1R	BF2132/3L2R	BF2132/2L3R
3682	BF2137/5L	BF2137/4L1R	BF2137/3L2R	BF2137/2L3R
4182	BF2142/5L	BF2142/4L1R	BF2142/3L2R	BF2142/2L3R

**6 panel**

WIDTH (MM)	6 LEFT	5 LEFT, 1 RIGHT	4 LEFT, 2 RIGHT	3 LEFT, 3 RIGHT
3806	BF2138/6L	BF2138/5L1R	BF2138/4L2R	BF2138/3L3R
4406	BF2144/6L	BF2144/5L1R	BF2144/4L2R	BF2144/3L3R
5006	BF2150/6L	BF2150/5L1R	BF2150/4L2R	BF2150/3L3R

**7 panel**

WIDTH (MM)	7 LEFT	6 LEFT, 1 RIGHT	5 LEFT, 2 RIGHT	4 LEFT, 3 RIGHT
4430	BF2144/7L	BF2144/6L1R	BF2144/5L2R	BF2144/4L3R
5130	BF2151/7L	BF2151/6L1R	BF2151/5L2R	BF2151/4L3R
5830	BF2158/7L	BF2158/6L1R	BF2158/5L2R	BF2158/4L3R

**4 RIGHT**

BF2126/4R
BF2130/4R
BF2134/4R

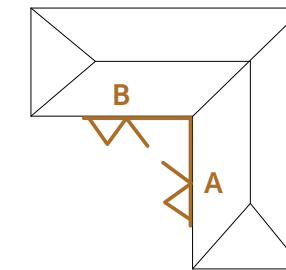
1 LEFT, 4 RIGHT	5 RIGHT
BF2132/1L4R	BF2132/5R
BF2137/1L4R	BF2137/5R
BF2142/1L4R	BF2142/5R

2 LEFT, 4 RIGHT	1 LEFT, 5 RIGHT	6 RIGHT
BF2138/2L4R	BF2138/1L5R	BF2138/6R
BF2144/2L4R	BF2144/1L5R	BF2144/6R
BF2150/2L4R	BF2150/1L5R	BF2150/6R

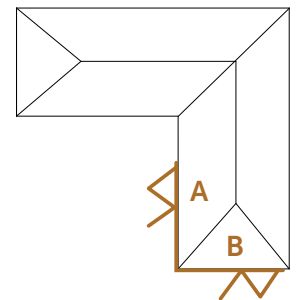
3 LEFT, 4 RIGHT	2 LEFT, 5 RIGHT	1 LEFT, 6 RIGHT	7 RIGHT
BF2144/3L4R	BF2144/2L5R	BF2144/1L6R	BF2144/7R
BF2151/3L4R	BF2151/2L5R	BF2151/1L6R	BF2151/7R
BF2158/3L4R	BF2158/2L5R	BF2158/1L6R	BF2158/7R

## Corner bi-folds

Internal corner



External corner



Corner bi-fold doors use generic codes which are not size specific. When ordering a corner door specify the height and both A and B width. Corner bi-folds must have either an odd number of doors each way (e.g. 3L, 3R), or an odd and even number of doors (e.g. 3L, 2R). Corner bi-fold doors have a maximum height of 2400mm.



# BOTANICA ENTRY FRAMES

- Timber available: Western Red Cedar and Meranti
- Code Prefix: To order add 'W' for cedar and 'M' for Meranti to the front of the codes below
- All hinge doors open in, unless otherwise specified
- Entry frames and doors are sold separately
- Entry frame does not comply to AS2047:2014
- Frame sizes below to suit 2040x820 doors

## Entry frame

		WIDTH (MM)			
		<b>Stud opening</b>	<b>920</b>	<b>1756</b>	<b>1756</b>
		<b>Frame</b>	<b>900</b>	<b>1736*</b>	<b>1736^</b>
HEIGHT (MM)	OPEN IN	<b>2140</b>			
		<b>2120</b>			
	OPEN OUT	<b>2131</b>			
		<b>2111</b>			
	NO SILL	<b>2110</b>			
		<b>2090</b>			
	OPEN IN	E2109OI	E2117OI		
	OPEN OUT	E2109OO	E2117OO		
	NO SILL	E2109DS	E2117DS		

\*To suit rebated doors  
^To suit mushroom stop doors

## Entry frame with sidelites

		WIDTH (MM)					
		<b>Stud opening</b>	<b>1360</b>	<b>1360</b>	<b>1800</b>		
		<b>Frame</b>	<b>1340</b>	<b>1340</b>	<b>1780</b>		
HEIGHT (MM)	OPEN IN	<b>2140</b>					
		<b>2120</b>					
	OPEN OUT	<b>2131</b>					
		<b>2111</b>					
	NO SILL	<b>2110</b>					
		<b>2090</b>					
	OPEN IN	E2113LFOI	E2113RFOI	E2118CFOI			
	OPEN OUT	E2113LFOO	E2113RFOO	E2118CFOO			
	NO SILL	E2113LFDS	E2113RFDS	E2118CFDS			

## Laundry frame configurations

		WIDTH (MM)			
		<b>Stud opening</b>	<b>1470</b>	<b>1470</b>	
		<b>Frame</b>	<b>1450</b>	<b>1450</b>	
HEIGHT (MM)	OPEN IN	<b>2140</b>			
		<b>2120</b>			
	OPEN OUT	<b>2131</b>			
		<b>2111</b>			
	NO SILL	<b>2110</b>	<b>920</b>	<b>895</b>	
		<b>2090</b>	<b>900</b>	<b>875</b>	
	OPEN IN	L2115L/1OI	L2115R/1OI		
	OPEN OUT	L2115L/1OO	L2115R/1OO		
	NO SILL	L2115L/1DS	L2115R/1DS		

# BOTANICA DOORS & SIDELITES

## Door options

		WIDTH (MM)							
		<b>620</b>	<b>620</b>	<b>620</b>	<b>620</b>	<b>620</b>	<b>620</b>	<b>620</b>	<b>620</b>
		<b>720</b>	<b>720</b>	<b>720</b>	<b>720</b>	<b>720</b>	<b>720</b>	<b>720</b>	<b>720</b>
		<b>820</b>	<b>820</b>	<b>820</b>	<b>820</b>	<b>820</b>	<b>820</b>	<b>820</b>	<b>820</b>
HEIGHT (MM)	2040								
		WGD-5	WGD-1*	WGD-3CR*	WGD-CR-LM*	WGD-CR-M*	WGD-8	WGD-3*	WGD-10*

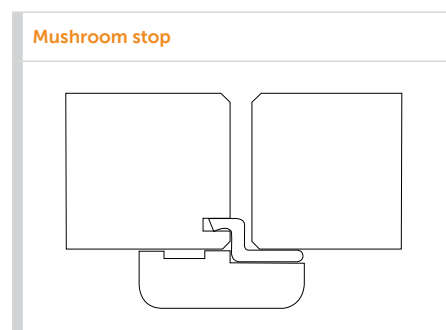
\*Available in Cedar only.

## Sidelite options

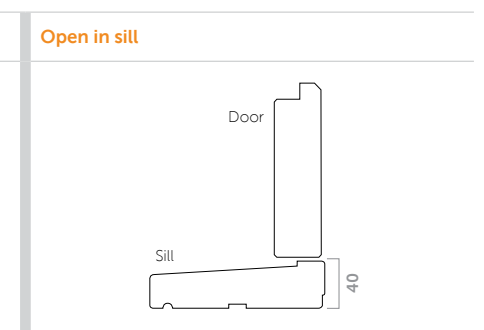
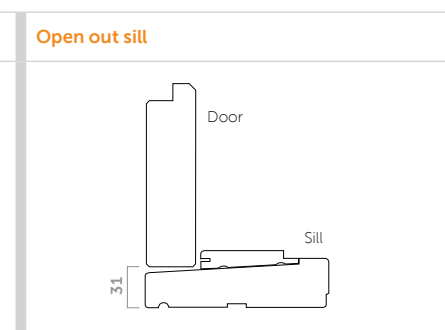
		WIDTH (MM)							
		<b>620</b>	<b>620</b>	<b>620</b>	<b>620</b>	<b>720</b>	<b>618</b>	<b>618</b>	<b>618</b>
		<b>720</b>	<b>720</b>	<b>720</b>	<b>720</b>	<b>820</b>			
		<b>820</b>	<b>820</b>	<b>820</b>	<b>820</b>	<b>820</b>			
HEIGHT (MM)	2040								
		FL	CR	4L/CR*	5L/CR*	FHL*	FSP*	3SP*	1SP*

\*Available in Cedar only.

## Rebate options



## Sill options



- Sill choice impacts the overall size of your door.

# BOTANICA CEDAR HARDWARE

## WINDOW

### Double hung window



Double hung lock – Traditional



Sash lifts

### Sliding window

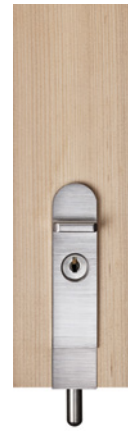


Sliding window lock – Traditional

### Bi-fold window



Flush-mounted drop bolt – top



Flush-mounted drop bolt – bottom

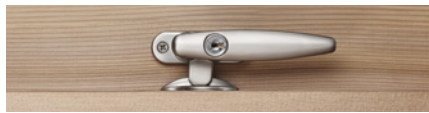
### Awning and casement window



▲ Scissor winder (Casement window only)



Scissor winder locked (Casement window only)



Sash lock



▲ Chain winder (Awning window only)



Sash fastener

Note: Cedar is supplied with silver hardware as standard. The satin chrome finish may vary across hardware items. Optional black and white hardware available. Selected hardware items may not be available in white or black.

▲ Denotes standard hardware.

## DOOR

### Sliding and stacking doors



Timbarra handle (inside)



Timbarra handle (outside)



Slim Onyx handle (inside)



Slim Onyx handle (outside)



▲ Bisarra handle (inside)



Bisarra handle (outside)

### Bi-fold door



▲ Palladium handle (inside)



Palladium handle (outside)



Flush-mounted drop bolt – top



Flush-mounted drop bolt – bottom (keyed)



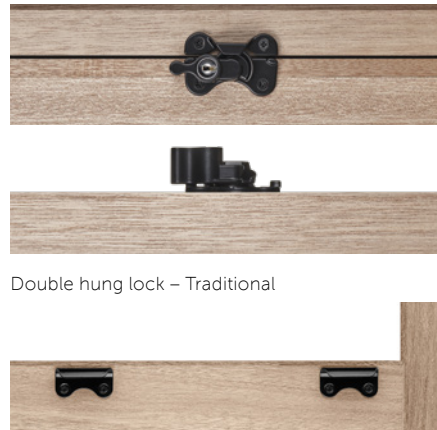
Flush-mounted drop bolt – bottom (non-keyed)



# BOTANICA MERANTI HARDWARE

## WINDOW

### Double hung window



Double hung lock – Traditional

Sash lifts

### Sliding window



Sliding window lock – Traditional

### Bi-fold window



Flush-mounted drop bolt – top



Flush-mounted drop bolt – bottom

### Awning and casement window.



▲ Scissor winder (Casement window only)



Scissor winder locked (Casement window only)



Sash lock



▲ Chain winder (Awning window only)



Sash fastener

Note: Meranti is supplied with black hardware as standard, except for Bi-fold door drop bolts. The black finish may vary across hardware items. Optional silver and white hardware available. Selected hardware items may not be available in white.

▲ Denotes standard hardware.

## DOOR

### Sliding and stacking doors



Timbarra handle (inside)



Timbarra handle (outside)



Slim Onyx handle (inside)



Slim Onyx handle (outside)



▲ Bisarra handle (inside)



Bisarra handle (outside)

### Bi-fold door



▲ Palladium handle (inside)



Palladium handle (outside)



Flush-mounted drop bolt – top



Flush-mounted drop bolt – bottom (keyed)

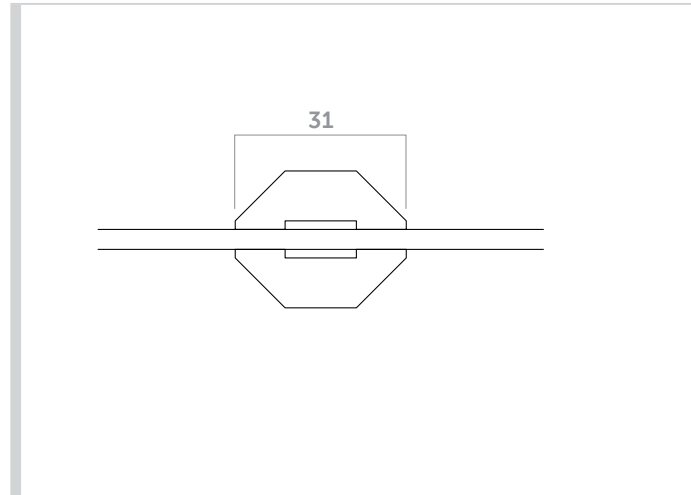


Flush-mounted drop bolt – bottom (non-keyed)



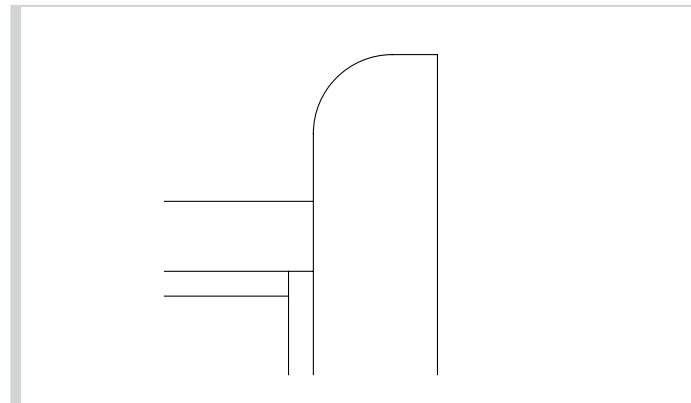
# BOTANICA DECORATIVE OPTIONS

## Decorative bars

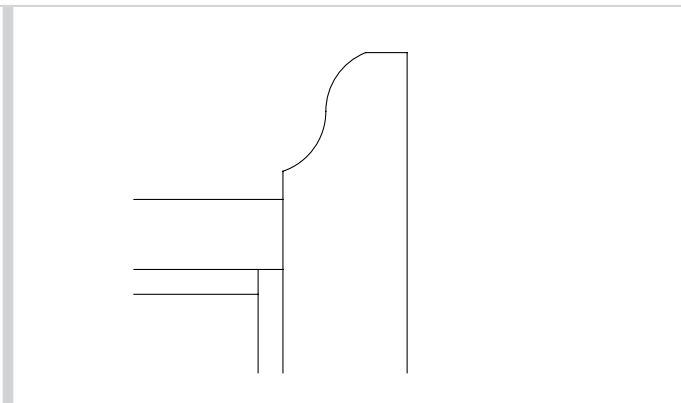


Incorporate decorative bars to achieve an authentic Colonial or Federation style.

## Bullnose horn



## Lambs tongue horn





# FINDING THE BEST GLASS FOR YOU.

Every home design brings its own unique set of requirements and challenges. One of the most significant decisions you'll have to make (and early on the process, too) is selecting your windows and doors.

Before choosing, there are a lot of factors to take into consideration, for example your local climate, and your home's location and orientation. And remember, depending on their position, different windows and doors often demand different levels of performance. So where to start?

## Understand your performance requirements.

First you need to understand the performance requirements for each of your windows and doors to achieve your whole house rating. Your architect, builder or energy rater will provide the performance criteria of your windows and doors typically as follows:

**U Value** – measures the temperature which is transferred or flows through a window or door. For example, how effective is it at keeping the heat or cold in or out. A lower U Value indicates better insulation properties.

**SHGC** – measures the ability to reduce heat generated by sunlight. The lower the SHGC number, the better the glass is at keeping the sun's heat out of the house. Likewise, in a cold climate the higher the SHGC number, the more natural warmth will occur.

## COMFORT

- Maximum natural light
- Warmer house in winter
- Cooler house in summer
- Less reliance on artificial heating and cooling
- Improved overall comfort
- Ventilation
- Glare control

## SERENITY

- Reduced external noise
- Retreating from outside world
- Relaxed interior atmosphere

## Choosing your window and door frames.

Next, you'll need to choose your window and door frames based on your home's design, window and door size requirements and the performance criteria your architect, builder or energy rater has specified.

The material of your window and door frames will impact your home's overall comfort levels, acoustics and energy efficiency. Timber is a natural insulator and therefore the best performing from an energy perspective.

## Choosing your glass.

Lastly, complete your window and door specifications by considering what's important to you. A range of glass options is available to improve the comfort, acoustics, security and privacy around your home.

## SECURITY

- Feeling safe and secure
- Protecting against break-ins
- Reducing injury risk due to broken glass

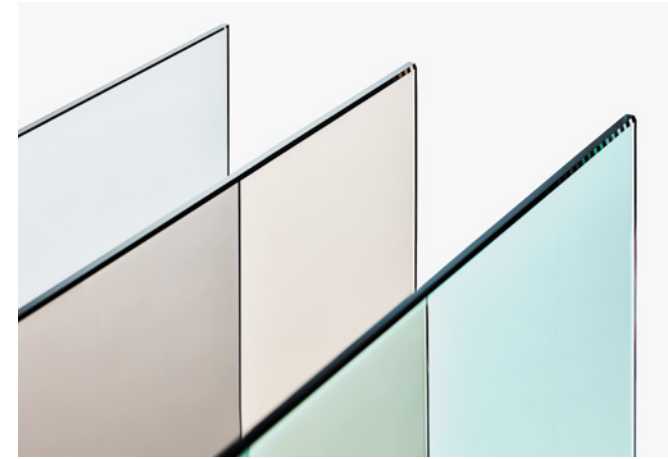
## PRIVACY

- Block prying eyes
- Control glare
- Control UV damage





# GLAZING OPTIONS



## COMFORT

### Double glazing

Double glazing is the most effective way to improve the energy efficiency of windows and doors, making your living space more comfortable all year round.

### Low E glass

Low E glass has a transparent Low Emissivity coating that reflects heat while still allowing in maximum light, helping keep your home cooler in summer and warmer in winter.

### Toned glass

Toned glass significantly reduces the sun's heat and glare, making it perfect for Australia's extreme summers.



## SERENITY

### Double glazing

Where energy efficiency and acoustics are both required double glazing can be used to reduce noise. The wider the space between the two sheets of glass, the greater the sound improvement.

### Thick glass

Thick glass is often the best choice for reducing low frequency sounds like traffic and neighbourhood noise.

### Laminated glass

Laminated glass dampens more vibrations than single glazed glass.



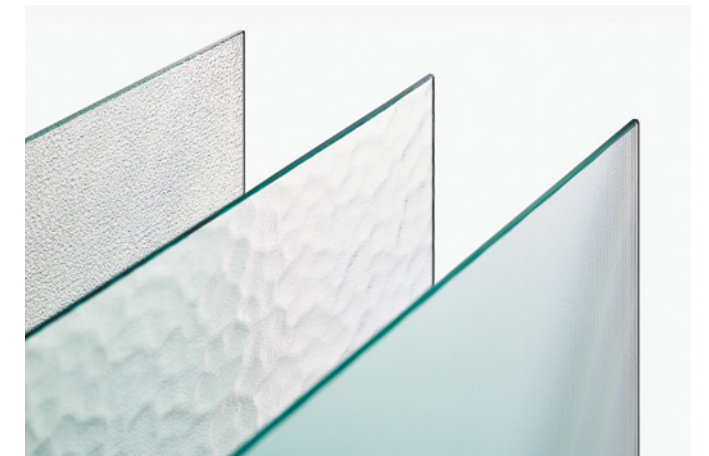
## SECURITY

### Toughened glass

If broken, toughened glass fractures into small particles, significantly reducing the risk of injury.

### Laminated glass

Laminated glass remains intact and resists penetration, when subject to impact.



## PRIVACY

### Textured glass\*

Great for light diffusion, privacy and as a decorative feature.

### Translucent

Laminated crisp white frosted look.

### Printed glass\*

Any pattern, texture or image can be printed directly onto the glass surface.

\*The availability of textured and printed glass options vary by state.

# BOTANICA SIZE RANGE

Product	Frame profile	Sill options	Max frame	Max sash	Sash profile	Glazing	BAL Rating	Seal type	Screen options	Hardware options
<b>Awning</b>	138mm x 26mm Meranti 138mm x 38mm Cedar	138mm or 165mm Cedar, Meranti or Hardwood	2700mm high	2400mm high 800mm wide or 800 high 2400mm wide Max weight 40kg	Stiles – 42mm or 66mm Top rail – 42mm or 66mm Bottom rail – 66mm	4mm – 20mm	BAL19 Meranti BAL40 Cedar	Compression	<ul style="list-style-type: none"> <li>Internal fixed timber or aluminium</li> <li>Security</li> </ul>	<ul style="list-style-type: none"> <li>Chain winder</li> </ul>
<b>Casement</b>	138mm x 26mm Meranti 138mm x 38mm Cedar	138mm or 165mm Cedar, Meranti or Hardwood	2700mm high	2400mm high 550mm wide or 1600mm high 850mm wide Max weight 40kg	Stiles – 66mm Top rail – 66mm Bottom rail – 66mm	4mm – 20mm	BAL19 Meranti BAL40 Cedar	Compression	<ul style="list-style-type: none"> <li>Internal fixed timber or aluminium</li> <li>Security</li> </ul>	<ul style="list-style-type: none"> <li>Scissor winder and Sash fastener or</li> <li>Sash lock</li> </ul>
<b>Bi-fold window</b>	138mm x 26mm Meranti 138mm x 38mm Cedar	138mm U channel	1600mm high	1500mm high 800mm wide	Stiles – 66mm Top rail – 66mm Bottom rail – 66mm	4mm – 20mm	N/A	Compression	N/A	<ul style="list-style-type: none"> <li>Flush mounted drop bolt</li> </ul>
<b>Bi-fold window with screens</b>	138mm x 38mm Cedar	138mm	1540mm high 2400mm wide	1500mm high 800mm wide	Stiles – 66mm Top rail – 66mm Bottom rail – 66mm	4mm – 20mm	N/A	Compression	<ul style="list-style-type: none"> <li>Internal – roll down (Not available for corner configuration)</li> </ul>	<ul style="list-style-type: none"> <li>Flush mounted drop bolt</li> </ul>
<b>Sliding window</b>	138mm x 26mm Meranti 138mm x 38mm Cedar	138mm 165mm (servery only)	2700mm high	1600mm high 1500mm wide	Stiles – 66mm Top rail – 66mm Bottom rail – 66mm	4mm – 20mm	Deemed to satisfy BAL19 (400mm above ground)	Mohair	<ul style="list-style-type: none"> <li>External fixed timber or aluminium</li> <li>Sliding timber or aluminium (Servery)</li> <li>Security</li> </ul>	<ul style="list-style-type: none"> <li>Sliding window lock – traditional</li> </ul>
<b>Double hung traditional</b>	138mm x 26mm Meranti 138mm x 38mm Cedar	138mm or 165mm Cedar, Meranti or Hardwood	2400mm high	1210mm high 1210mm wide Max weight 20kgs	Stiles – 66mm Top rail – 66mm Bottom rail – 66mm	4mm – 20mm	Deemed to satisfy BAL19 (400mm above ground)	Finseal	<ul style="list-style-type: none"> <li>External fixed timber or aluminium</li> <li>Security</li> </ul>	<ul style="list-style-type: none"> <li>Double hung lock – traditional</li> <li>Sash lifts</li> </ul>
<b>Fixed</b>	138mm x 26mm Meranti 138mm x 38mm Cedar	138mm or 165mm Cedar, Meranti or Hardwood	2700mm high	Single Lite 6m <sup>2</sup> per lite Multi lite 4m <sup>2</sup> per lite	N/A	4mm – 20mm	BAL19 Meranti BAL40 Cedar	N/A	N/A	N/A
<b>Sliding door</b>	165mm x 26mm Meranti 165mm x 38mm Cedar	165mm	2700mm high	2700mm high 1400mm wide or 2400mm high 1800mm wide	Stiles – 112mm Top rail – 112mm or 138mm Bottom rail – 112mm or 138mm or 165mm	4mm – 20mm	N/A	Mohair	<ul style="list-style-type: none"> <li>External sliding timber or aluminium</li> <li>Security</li> </ul>	<ul style="list-style-type: none"> <li>Timbarra or</li> <li>Slim Onyx or</li> <li>Bisarra</li> </ul>
<b>Stacker door</b>	250mm x 26mm Meranti 250mm x 38mm Cedar	250mm	2700mm high	2700mm high 1400mm wide or 2400mm high 1800mm wide	Stiles – 112mm Top rail – 112mm or 138mm Bottom rail – 112mm or 138mm or 165mm	4mm – 20mm	N/A	Mohair	<ul style="list-style-type: none"> <li>External sliding timber or aluminium</li> <li>Security</li> </ul>	<ul style="list-style-type: none"> <li>Timbarra or</li> <li>Slim Onyx or</li> <li>Bisarra</li> </ul>
<b>Bi-fold door</b>	138mm x 26mm Meranti 138mm x 38mm Cedar	138mm	2700mm high 2400mm high (corner bi-fold)	2700mm high 820mm wide or 2400mm high 920mm wide	Stiles – 112mm Top rail – 112mm Bottom rail – 138mm	4mm – 20mm	BAL19 Meranti (open out with standard sill) BAL40 Cedar (open out with standard sill)	Compression	<ul style="list-style-type: none"> <li>Internal - retractable (Not available for corner configuration)</li> </ul>	<ul style="list-style-type: none"> <li>Palladium handle, and</li> <li>Flush mounted drop bolt</li> </ul>
<b>Entry frame</b>	138mm x 26mm Meranti 138mm x 38mm Cedar	138mm or 165mm Cedar, Meranti or Hardwood	2700mm high	N/A	N/A	4mm – 20mm	BAL19 Meranti	N/A	<ul style="list-style-type: none"> <li>External (open in) or internal (open out) timber or aluminium</li> <li>Security</li> </ul>	N/A
<b>Door</b>	N/A	N/A	2700mm high	2700mm high 1200mm wide	Stiles – 112mm Top rail – 112mm Bottom rail – 138mm	4mm – 20mm	N/A	N/A	N/A	N/A

- Maximum sizes based on N2 rating, however products can be configured to achieve an N4 rating.

Botanica doors and windows incorporate engineered components for superior structural integrity. All Botanica Meranti components are engineered. All Botanica Cedar jambs, heads and door stiles are engineered. Other Cedar components are made from solid timber.





Call **13 72 74**

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for your nearest location

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