FC1 Folding Closure

The Australian Trellis Door Co has one of the most space efficient folding closures on the market. These cost-effective doors are constructed from aluminium making them lightweight yet stable and strong. Perfect for shopfront tenancies, reception areas and free standing kiosks in airports, shopping centres, hospitals, aged care facilities, hotels, clubs and banks.

OPERATION

Manually operated the doors can be either single or biparting in operation, stacking to one side or two sides as required depending on side room clearances.

DOOR PANEL OPTIONS

Polycarbonate: 3mm thick polycarbonate panels provide remarkable impact-resistance in a surprisingly light package reinforced with our nylon fixing profile.

Perforated Aluminium: 3mm thick aluminium sheeting which provides approximately 50% ventilation with 5mm diameter multi holes, reinforced with our nylon fixing profile.

OPERATING SYSTEM

Our overhead track system is used. Single and double trolley rollers fitted with ball bearings are used and glide in an overhead track 41mm high x 35mm wide aluminium extrusion. The fitted tracks may have a radius of no less than 600mm (wide panel) or 407mm (slim panel) to suit curved applications. For elliptical curves, a template must be provided by the customer.

PANEL SIZES & WEIGHTS

FC1 – Wide panel, is 285mm width overall (262mm centre hinge to centre hinge). Approx 12kg/M^2 FC1 – Slim panel, is 148mm width overall (128mm centre hinge to centre hinge). Approx 16kg/M^2

MAXIMUM SIZES

Our Folding Closures can be manufactured to a maximum height of 4,500mm and can span ANY width opening. For minimum heights, please discuss with your local ATDC representative.

LOCKING

The leading posts will be provided with a lock and 2 key cylinders which can be operated from both sides. As a standard, the lock is supplied with a "builders key'. Special-purpose cylinders are available (at an extra cost) to facilitate master keying. The master keying is the responsibility of the purchaser or customer. Floor mounted sockets with spring loaded dust caps are included.

FINISH

Our standard finish is matt natural anodized aluminium. Powder coating to standard Duralloy colours available (at an extra cost).

NOTE: Some special finishes may extend delivery period.

STACKING POCKET SIZES

See door pocket table overleaf or contact your ATDC representative for further information on your requirements.

WORKS BY OTHERS

Preparation of openings to suit the FC1- Wide Panel or FC1- Slim Panel Folding Closures is by others. The overhead tracks will not be installed to non – structural supports. If required, provision of storage boxes, ceiling access panels and master – keying of locks are by others.

OPTIONAL EXTRAS

Egress doors for emergency exits compliant to BCA requirements, can be incorporated into any closed folding closure that has a minimum height of 2250mm, operable with interior thumb turn or single down action handle, please consult an ATDC Technician for more info and optional pricing.

Tapered openings are available upon request.





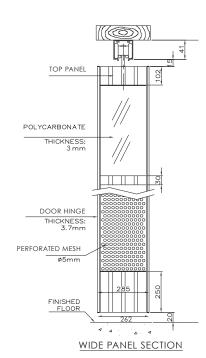
Technical Information

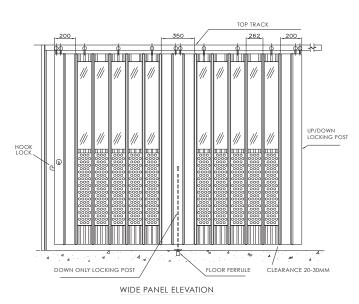
STACKING POCKET SIZES

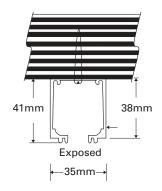
FC 1 - SINGLE STACK FOLDING CLOSURE DOOR SPECIFICATIONS																													
	Internal																												
Panel	dimension																												
Width	reqd.	Opening width	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6500	7000	7500	8000	8500	9000	9500	10000
285	360	Min stacking	310	330	340	360	380	510	530	550	560	580	590	610	630	640	660	800	810	830	840	880	910	940	1110	1140	1170	1190	1220
148	228	dimension reqd	390	420	460	490	520	690	720	750	790	820	850	880	910	950	980	1150	1180	1210	1240	1310	1370	1440	1620	1690	1750	1810	1880
Please note sta	cking sizes above a	re indicative only. Please	onsult ATE	OC prior to	finalising	your stac	king pock	et.																					

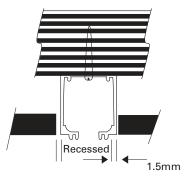
FC 1 - DOUBLE STACK FOLDING CLOSURE DOOR SPECIFICATIONS																												
Internal																												
dimension																												
reqd.	Opening width	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6500	7000	7500	8000	8500	9000	9500	10000	10500	11000	11500	12000	12500	13000
360	Min stacking	620	560	590	590	620	620	650	650	680	900	930	930	960	990	1020	1060	1090	1120	1120	1150	1180	1460	1490	1520	1520	1560	1590
228	dimension regd	780	810	840	880	910	940	970	1000	1040	1330	1360	1390	1420	1490	1550	1620	1680	1740	1810	1870	1940	2260	2320	2390	2450	2520	2580
	360	dimension reqd. Opening width	dimension reqd. Opening width 3000 360 Min stacking 620	dimension reqd. Opening width 3000 3250 360 Min stacking 620 560	dimension reqd. Opening width 3000 3250 3500 360 Min stacking 620 560 590	dimension reqd. opening width 3000 3250 3500 3750 360 Min stacking 620 560 590 590	dimension reqd. Opening width 3000 3250 3500 3750 4000 360 Min stacking 620 560 590 620	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 360 Min stacking 620 560 590 590 620 620	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 360 Min stacking 620 560 590 590 620 650	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 4750 360 Min stacking 620 550 590 590 620 620 650	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 4750 5000 360 Min stacking 620 550 590 590 620 650 680	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 4750 5000 5250 360 Min stacking 620 550 590 590 620 650 650 680 900	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 4750 5000 5250 5500 360 Min stacking 620 550 590 590 620 620 650 680 900 930	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 4750 5000 5250 5500 5750 360 Min stacking 620 560 590 590 620 620 650 650 680 900 930 930	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 4750 5000 5250 5500 5750 6000 360 Min stacking 620 560 590 590 620 620 650 680 900 930 960	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 4750 5000 5250 5500 5750 6000 6500 360 Min stacking 620 560 590 590 620 650 650 680 900 930 930 960 990	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 4750 5000 5250 5500 5750 6000 6500 7000 360 Min stacking 620 560 590 590 620 620 650 680 900 930 930 960 920 1020	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 4750 5000 5250 5500 5750 6000 6500 7000 7500 360 Min stacking 620 550 590 590 620 620 650 680 900 930 930 960 990 1020 1060	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 4750 5500 5750 6000 6500 7500 8000 360 Min stacking 620 5500 590 520 620 650 650 680 900 930 960 900 1020 1060 1090	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 4750 5000 5250 5750 6000 6500 7500 8000 8500 360 Min stacking 620 550 590 520 550 5750 900 900 900 120 1600 1000 1120	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 4750 5000 5250 5750 6000 6500 7000 7500 8000 8500 9000 360 Min stacking 620 550 590 620 620 650 650 630 930 930 960 930 1020 1040 1090 1120	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 5000 5500 5500 5500 5600 6000 6500 7500 8000 8500 9000 9500 360 Min stacking 620 550 590 520 630 630 900 930 960 900 1020 1020 1120 1120 1150	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 5700 5500 5750 6000 6500 7500 8000 8500 9000 9500 10000 360 Min stacking 620 5500 590 620 620 650 650 680 900 930 960 900 1020 1120 1120 1130	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 5500 5500 5750 6000 6500 7500 8000 8500 9500 1000 10000 360 Min stacking 620 550 590 620 620 620 650 680 900 930 930 930 930 1000 1000 1120 1120 1130 1140	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 5000 5500 5750 6000 6500 7500 8000 8500 9000 9500 10000 360 Min stacking 620 590 590 620 650 650 680 900 930 930 960 990 1020 1120 1120 1150 1140 1490	Internal dimension reqd. Opening width 3000 3250 3500 3750 4000 4250 4500 5700 5500 5750 6000 5700 7000 7000 7000 8000	Internal dimension req. Opening width 3000 3250 3500 4000 4250 4500 5500	Internal dimension req. Opening width 3000 3250 3500 3750 4000 4250 4500 5000 5500 5750 6500 6500 7500 8000 8500 9000 9000 9000 9000 9000 1000 11000 11200 12000 360 Min stacking 620 500 500 620 630 630 900 900 1000 1140 1400 1500 1500 1500

Please note stacking sizes above are indicative only. Please consult ATDC prior to finalising your stacking pocket.

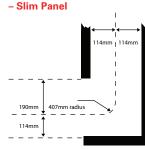








Curving into Cupboard



Cross Section - Slim Panel

41

20-30mm

Finish Floor to Track Support

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67mr

228mm Clearance

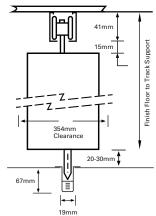
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19mm

Curving into Cupboard – Wide Panel 180mm 1 180mm 240mm 600mm radius (or 407mm)

Cross Section - Wide Panel





WEB: www.trellisdoors.com.au EM

CALL US ON 1300 289 159 EMAIL: trellis@trellisdoors.com