Product Manual

SINGLE CLOSURE SHUTTER SERIES





www.aspectshutters.co.nz

Aspect Shutters I 36 Crooks Road, East Tamaki, Auckland 2013, New Zealand. info@aspectshutters.co.nz

This document contains company confidential information. No part of this document may be disclosed in any manner to a third party without the prior written consent of MYT Shutters.







Contents

Paulownia	4
Ecosmart	10
General Information	15
How to Measure	18



1 Paulownia

Material	Paulownia Single Closure
Colour	4 colours F05, F16, F13, F23
Special Colours	No
Stile	Beaded / Flat
Blade Type	Elliptical
Blade Width	89 (Elliptical)
Stile Width	51
Stile Thickness	27
Rail Thickness	19
Max Panel Height	3000
Mid Rail Required @	1800/2500/3000
Tilt Rod	Clearview
Max Width - Hinged Panel	950
Max Width - Double Hinged Panel	600 / Per Panel - width of two joined panels cannot exceed heigh
Max Height - Double Hinged Panel	3000 max – all Double Hinged must have bottom frame
Max Width - Tracked Bi-fold Panel	N/A
Max Width - Sliding	N/A
Min Width	250
Min Height	280
Posts	90º Corner post, 135º Bay Post, T Post - No custom posts
Shapes	Raked Only

Paulownia Paint Finish

By default, interior grade paint in used on all Paulownia shutters. Paulownia shutters must not come into direct contact moisture or condensation. If you plan to install Paulownia shutters into a damp area (e.g. Bathroom, Kitchen) please make sure that the area is well ventilated to avoid water related issues.

Blades

89mm Elliptical Blade

Stiles

The Stile profile (Beaded or Flat) for the shutter panel will be based on the Product Type selected in the Order Form. The standard Stile width is 51mm.



51 Beaded D Mould Stile





51 Flat D Mould Stile

Double Hinged

All double hinged panels must have a bottom frame.

For Double Hinged panels we will use a D-Mould on the Stiles to reduce light bleed between panels.

For Double Hinged panels we will use Rebated Stiles where the Left and Right panels meet. It is not possible to use a D-Mould on the Stiles where the Left and Right panels meet because the normal opening and closing of the shutters will eventually break the D-Mould.

See default positions of D-Mould in the table below:







Raked

Staircase

Shaped Edge

2 Ecosmart

Material	E
Colour	C
Special Colours	Ν
Stile	В
Blade Type	E
Blade Width	8
Stile Width	4
Stile Thickness	2
Rail Thickness	1
Max Panel Height	3
Mid Rail Required @	1
Tilt Rod	C
Max Width - Hinged Panel	93
Max Width - Double Hinged Panel	N
Max Height - Double Hinged Panel	N
Max Width - Tracked Bi-fold Panel	N
Max Width - Sliding	N
Min Width	2
Min Height	2
Posts	9
Shapes	N

Ecosmart Paint Finish

By default, interior grade paint in used on all Ecosmart shutters, this is acceptable for most modern Bathrooms and Kitchens. If the Ecosmart shutters are to be installed into areas where there is frequent moisture then an exterior grade paint is required. Aspect also recommends stainless steel hinges when using exterior grade paint. (refer to quote form for pricing).

Ecosmart Single Closure
Colours F05, F16, F13, F23
No
Beaded / Flat
Elliptical
39 (Elliptical)
40/51 (40mm on Request)
27
9
3000
700/2200/2700
Clearview
20
J/A
J/A
J/A
J/A
250
280
00º Corner post, 135º Bay Post, T Post - No custom posts
J/A

Stiles

Frames

Reveal Frames





8



48R Frame (Beaded)



s

σ

35

48 F Frame

62 F Frame

Z Frames

Frameless – Timber only



Corner Post

Bay Post



3 General Information

Mid Rail Location

The desired midrail location (recorded on the Order Form) is measured from the bottom of the opening to the centre point of the mid-rail. The actual midrail location on the finished shutter may be varied (either up or down) from your desired midrail location.

Blade Size	Possible variation in Mid Rail location
89mm	+/- 38mm

Mid Rail Location

If a midrail location is critical you must specify this on the Order Form. E.g. 600CRIT

Please be aware that if you specify a Critical midrail height, this will alter the size of the top and bottom rails and this will sometimes give the effect that the panel is upside down.

If a number of shutters are in the same room and it is critical to have the midrails at the same height, you must clearly specify which openings require the same critical midrail height in the special instructions box on the Order Form. You must also provide the mid rail location as measured from the floor and the distance to the bottom of each opening as measured from the floor. Alternately the ceiling (instead of the floor) can be used as a reference point.

MidRail	-	~
		mm X



Clearview Tilt Rod



A Clearview tilt rod is an Aluminium rod positioned on the outer edge of the blade on the hinge side of the panel and is rebated into the panel stile.

If a standard colour is chosen, the Clearview Tilt Rod will be painted white as default.

Accessories



If the top of each window are at the same height you can specify midrail height from the top down. But you MUST clearly note this in the Special Requirements section.

There is a limit to the number of blades that can be attached to a Clearview Tilt Rod in a single working section.

Blade Size	Maximum Blades
39	14

When the gross open height exceeds 1200mm, the Clearview tilt rod will be split automatically into two working sections. If the split section is uneven with an odd number of blades, the lower section of blades will be the larger section. Hoffman Key

Panel Feet



Corner Window Reveal Fit









Standard Deductions

Below is some of the standard allowances MYT use.

#	Description	Timber Deduction	Ecosmart Deduction
1	Reveal deduction	1.5mm each side	1.5mm each side
2	Space between two panels (no hinges):		
	D Mound Stile	5mm	5mm
	Rabbet Stile	3mm	3mm
3	Space between Panel and Frame for Hairline Hinge	2.5mm	2.5mm
ļ	Space for using L Hinges. (usually with Hang strip)	3mm	-
;	Space between top & bottom of panel and frame or opening	2.5mm	3.5mm
;	Space between bottom of panel and floor or window sill where the opening is a door.	5mm	5mm



Corner Window Face Fit

Box Bay Window Reveal Fit









Box Bay Window Face Fit

Bay Window Reveal Fit









Bay Window Face Fit











www.aspectshutters.co.nz

Aspect Shutters I 36 Crooks Road, East Tamaki, Auckland 2013, New Zealand. info@aspectshutters.co.nz