ABRA ALUMINIUM

- When service matters -

PLANTATION SHUTTER SYSTEM

Assembly Information

Visit our Website: www.abra.net.au

PLANTATION SHUTTER SYSTEM

The **ABRA Plantation Shutter System** has been designed to transform any part of your home whether it be a single window to a total room enclosure. The use of high quality aluminium and simplicity in its design, the ABRA Plantation Shutter System has been carefully engineered to offer exceptional value for money without compromising on the end result, allowing home owners to access a great product without an exorbitant price tag.

Bi-fold, Sliding, Fixed or Hinged, this system is as adaptable as your imagination.

Glass enclosures can be an expensive option, however, the ABRA Plantation Shutter System is used as much for its visual effects as for their practical functions – Shelter from the elements, deflection of the rain, wind and sun depending on the time of day or season.

Instead of just blocking out the light, heat or breezes permanently, the ABRA Plantation Shutter System provides a high level of sophistication with the practicality of adjusting the louvers with its control arm to achieve an angle best suited for the conditions.

Why choose a ABRA Plantation Shutter System?

Versatility: Bi-folding – Hinged – Fixed. The ABRA Plantation Shutter System offers you the flexibility of choice with what configuration may best suit your needs.

Value for money: You don't have to pay too much for high quality – Don't be fooled thinking you are getting a customised product. Many mass produced imported shutters are just cut down and made to fit, however you may still be paying top dollar. The ABRA Plantation Shutter is a complete system offering customisation at comparative costs to those mass produced imports.

Colour options: Huge range of powder-coat choices (costs will vary depending on colour choice)

Whether your shutters are internal or external, choosing the ABRA Plantation Shutter System will not only enhance the look of your home, apartment or office, it will increase its value and give you years of improved liveability.

Plantation Shutters - Cut and Assemble Instructions Measure Example Details

1. Determine maximum height of screen 2000mm

2. Determine actual height of screen 1986mm Work off the "Louvre's per Height" sheet to determine closest size to Maximum Height". The actual heights vary depending on the top & bottom rails used (Two small rails, two large rails, or one of each).

3. Decide if you are going to use a mid-rail Yes Mid-rails are recommended for screens over 2000mm high.

4. Determine how many blades are needed 22 Work off the "Louvre's per Height" sheet. Deduct one Blade if using a Mid-rail.

5. Determine the width of the screen 1000mm

6. Determine the length of each Blade 870mm Actual width of screen less 130mm

7. Determine the length of the Rails 886mm Actual width of screen less 114mm

8. Determine the length of the Side Stiles 1986mm Actual height of screen

9. Determine the length of the Control Arms 1900mm Actual height of screen less 86mm. Note - if using a mid-rail you will

need to cut 80mm out of each control arm at the correct location, depending on the position of the mid-rail.
10. Determine the number of Blade End caps 44 Number of Blades * 2

11. Determine the number of Side Stile End caps 4 Side Stiles * 2

12. Determine the number of Plugs 12 Rails * 4

13. Determine the number of large screws 12 Rail * 4

14. Determine the number of small screws 44 Blades * 2

Cut

1. Blades - Cut to length calculated above

2. Side Stiles - cut to height of screen Note - Ensure end pivot holes in Side Stiles are the correct distance from ends of Side Stiles (for large rails, approx. 43mm from end of Stile to centre of first hole. For small rails, approx. 23mm from end of Stile to centre of first hole).

3. Rails - cut to length calculated above Control Arms - cut to length calculated above Note - Ensure lugs are correct distance from ends - approx. 80mm one end, approx. 40mm the other end.

Drill

1. Two screw-holes in each Stile per Rail. 9mm hole in outside of Stile (to suit Plugs), 3mm to 4mm holes in inside of rails (to suit screws)

Note - *Use thinly sliced off-cut of the Rails to mark the position of the holes. Ensure holes are drilled accurately as they need to align with the screw flutes in the rails.*

Assemble

1. Screw the Side Stiles to the Rails with the large screws

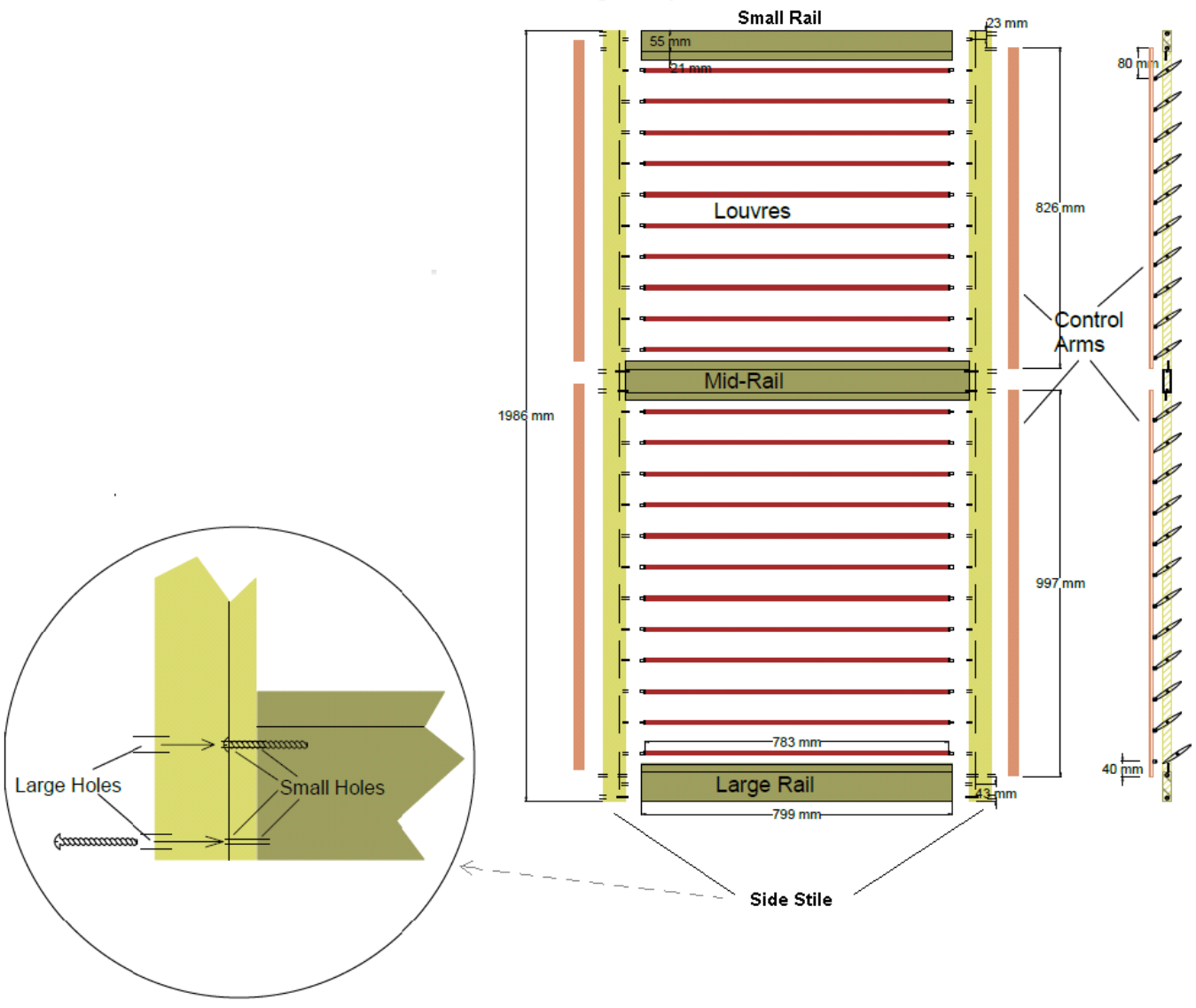
2. Insert the Plugs in the large holes

3. Insert the Stile End caps in the Stiles

4. Insert the Blade End caps in the Blades Note - Ensure the screw holes in the Blade End Caps match

5. Fit the Blades to the Frame Insert one blade at a time - fit the Blade End Cap pin in the hole in the Side Stile, position the Blade, depress the pin on the other End Cap, align with the hole and the pin will snap in to place.

6. Screw the Control Arms to the Blades with the small screws



PLANTATION SHUTTER SYSTEM

Bi- Fold Door- Closed

Bi-Fold Door - Open

Hinge

PLANTATION SHUTTER SYSTEM

Open/Close Handle

Bottom Track

Bottom Track – Fixed

Bottom Track - Sliding

Top Track

Trop Track - Wheels

PLANTATION SHUTTER - PARTS LIST

	PRODUCT CODE APSLOUVRE		PRODUCT CODE APSHCH		PRODUCT CODE APCLOUVREPLUG
	PRODUCT CODE APSSTILE		PRODUCT CODE APSCHB26252		PRODUCT CODE APSPIVOT
	PRODUCT CODE APSCONARM		PRODUCT CODE APSCHT264015		PRODUCT CODE APSH75
	PRODUCT CODE APSRAILSM		PRODUCT CODE APSSURFRM		PRODUCT CODE APSH75WH
	PRODUCT CODE APSRAILLG		PRODUCT CODE APSMLD		PRODUCT CODE APSH4W
	PRODUCT CODE APSMIDRAIL		PRODUCT CODE APSCTRFRM		PRODUCT CODE APSH2E
	PRODUCT CODE APSRAILADJB		PRODUCT CODE APSLOUVRECAP		PRODUCT CODE APSBG
	PRODUCT CODE APSRAILADJA		PRODUCT CODE APSSTILECAP		PRODUCT CODE APSBB
	PRODUCT CODE APS7263				