

Rollashield Plantation Shutters

Rollashield manufacture Shutter Concepts Louvre's and Screens that have been designed in Queensland, Australia, using materials sourced within the country. This means we are able to supply the best quality product in the industry with a relatively short turnaround time.

Practicality or for purely aesthetic reasons Rollashield offer a range of multifunctional products that will enhance any home or business. Application types are many including balcony enclosures, room dividers, indoor/ outdoor areas, window protection and privacy screens. Choose how you would like the plantation shutters

A **Fixed Panel Louvre** offers the simplest form of installation and operation. C channels can be fixed permanently to the top and bottom of the application and the Fixed Panel Louvre then pivots inside the frame work. Flashing will be provided to cover gaps on the left and right of the front and back of the application. H section is also available for joining panels to create strength and stability over multiple panel installation, as well as standoff brackets which offer installation off the window to provide access for ventilation and cleaning.

Bi-fold Louvre shutters provide a versatile option for balcony or patio areas by offering a choice of total enclosure and protection from the elements when in a closed position, yet still maintaining the availability of clearing the opening completely by folding the panels and pushing them to one side. Utilising practical nylon pivots, the panels can concertina either in or out by running along top and bottom tracks which are fixed permanently to the top and bottom of the application.

Hinged Louvre shutters are a practical and aesthetically pleasing choice for both interior and exterior windows and doorways. Available to swing either inwards or outwards, Shutter Concepts Hinged Louvre's can be supplied with L or Z framing to provide a neat finish.

Sliding Louvre shutters are an ideal choice for sun protection and privacy on applications where space around the opening is limited. Utilising practical nylon pivots, the panels can slide left or right by running along top and bottom tracks which are fixed permanently to the top and bottom of the application.

INSTALLATION CHOICES

Fixed Panels

Maximum Panel Width	950mm
Maximum Panel Height	3000
Style Options	DLi, CL
Blade Options	90, 150
Blade Orientation Options	Horizontal, Vertical
Sliding Louvre Ideal Applications	Window Covering, Privacy Screening, Balcony/Patio Enclosure

Bi Fold Louvre

Maximum Panel Width	800
Maximum Panel Height	3000
Blade Options	90, 150
Blade Orientation Options	Horizontal, Vertical
Ideal Applications	Balcony/Patio Enclosure, Room Dividers

Hinged Louvre

Maximum Panel Width	800
Maximum Panel Height	3000
Blade Options	90
Blade Orientation Options	Horizontal, Vertical
Ideal Applications	Interior Openings, Doorways

Sliding Louvre

Maximum Panel Width	1000
Maximum Panel Height	3000
Blade Options	90, 150
Blade Orientation Options	Horizontal, Vertical
Ideal Applications	Balcony/Patio Enclosure, Room Dividers

Stacking

Maximum Panel Width	1000
Maximum Panel Height	3000
Blade Options	90, 150
Blade Orientation Options	Horizontal, Vertical
Ideal Applications	Balcony/Patio Enclosure, Room Dividers

Technical Information

All blades, frame and other extrusion are 6063 grade aluminium extruded to T5 hardness and meet Australian Standard 2612:1997.

- All fixings are 305/316 marine grade stainless steel.
- All Louvre clips are nylon reinforced glass and incorporate a high grade UV inhibitor.
- The Louvre blades and clip system are rated to withstand loads of 100kg across a 1 metre span; they are the strongest domestic Louvre on the market.
- The blades have been specifically designed and engineered to cope with the severe weather conditions found in Australia and have been developed to minimise noise and movement in high winds.
- All blades and panel frames incorporate a high quality hair felt providing a sealing point that minimises light, wind and rain effect in the closed position.
- Our system is the only one on the market that has a neatly engineered blade lock that can be built into the blades and remain aesthetically pleasing and highly functional.
 - Felt (pile) inserts around the outer perimeter of the frame to assist in weather and light exclusion and virtually creating an anti-rattle environment Eliminating metal to metal noise
- Flush bolts that do not sit proud of the frame
 - Flush bolts use three different length rods that allow for comfortable operational use by a variety of users.
- Unique blade design that eliminates whistle in the majority of applications Tested to N.A.T.A. Standards to conform to "LESS THAN 40 db of audible noise at 1 metre in the open, 45deg, and in the closed position. In fact the noise level was recorded at 6db
- The strongest Louvre frame and corners in the industry
- An extremely low maintenance pivot system designed to create an effortless sliding shutter, utilising top and bottom tracks, second to none.
- Top hanging system eliminates dirty track and roller problems common to bottom hung systems.
- Only stainless steel fixing components are used during construction and fitting of Shutter Concepts shutters.
- External screws provide tension adjustment to the allow variations to operational tension when opening and closing blades.
- Full custom sizes to fit all situations and balcony sizes.
- Multi tracking configurations allow inflexible design constraints to be overcome.
- Shore fix hinges stop hinge binding.
- Stainless steel hinge pins and nylon bushes reduce squeaking and ease operational friction.
- Our CL90 (cyclone rated) were supplied and installed in the largest single shading contract to be let in Queensland with the Thiess Harbour Lights project in Cairns. Since then our shutters can be found in most up market hi rise developments where Louvre's are specified.