

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.