



**ALSPEC SOLAIRE™ FIXED LOUVRES**

# Solaire™

*"...built on the back of Alspec's architectural systems knowledge, balancing the need for both form and function..."*

## Alspec Solaire™ Fixed Louvres

The Solaire™ range of self mating louvre fins has been developed to provide both Architects and Fabricators a flexible, yet simple solution to external solar control requirements that seamlessly integrate with Australia's unique architectural landscape. By utilising a range of self mating clip together blades and accessories, the Solaire™ product can be used as:

- Horizontal fins
- Vertical blades
- Window hoods

The Solaire™ range has been built on the back of Alspec's architectural systems knowledge, which balances the needs of both form and function. Alspec's design offers a robust solution that offers our customers an economical and flexible fabrication option.

With countless configurable sizes and aesthetic possibilities, the Solaire™ range is the perfect solution for your next residential or commercial project.





## Versatile Building Solution

### Environmentally Friendly

- 100% Recyclable Aluminium.
- Solaire™ Blades reduce direct sunlight and heat transfer.

### Elegant Smart Design

- Flexible fitting options to exceed market requirements.
- Available in a wide range of powder coated or anodised finishes.
- Innovative locking bar improves rigidity and "clip" strength.

### Built to Last

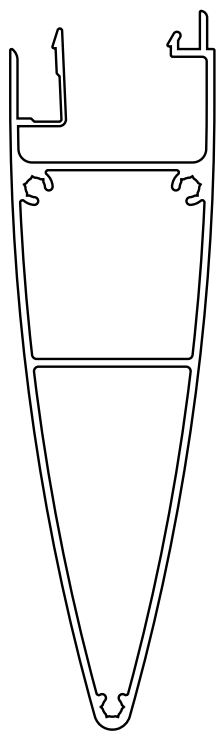
Aluminium will not rust, rot, crack or perish under Australia's harsh conditions.



# Fixing Options and Typical Configuration

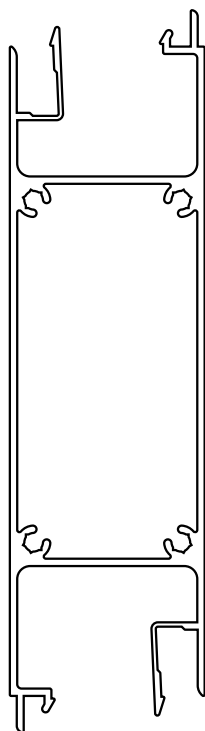
Alspec has designed a wide range of extrusions to cover a multitude of design widths for both vertical and horizontal blade configurations for use in both commercial and residential applications.

Utilising recommended fixing methods to particular structures, Alspec Solaire™ fixed louvres can be configured in a myriad of different configurations.



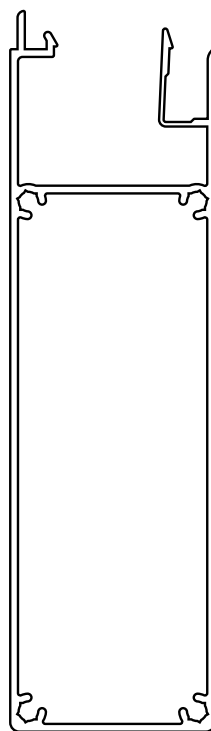
**LVE301**

150mm Self Mating Elliptical Louvre



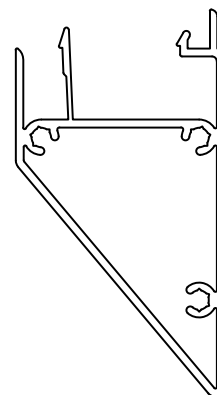
**LVE302**

150mm Self Mating Louvre



**LVE306**

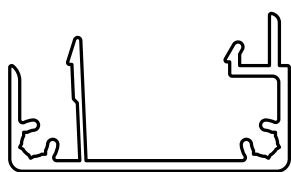
150mm x 45 mm Self Mating Square Fin



**LVE311**

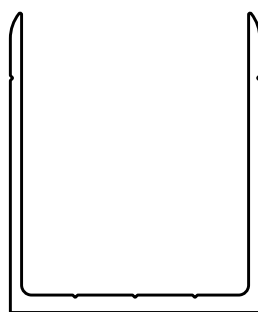
Self Mating 45mm Bullnose Fin

**\*\*Not to Scale\*\***



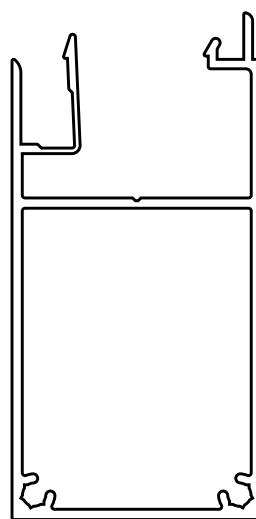
**LVE303**

17mm x 45 mm Self Mating Square Fin



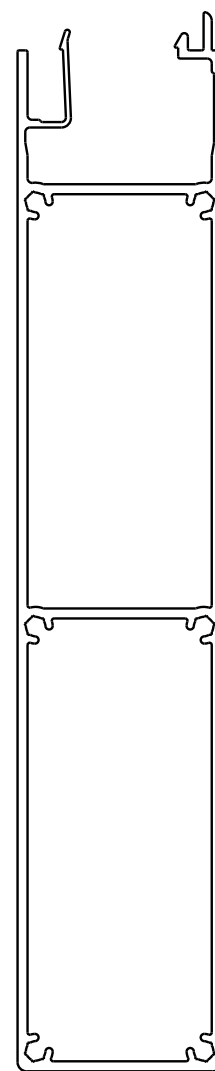
**LVE304**

45mm Louvre Channel



**LVE305**

83mm x 45 mm Self Mating Square Fin

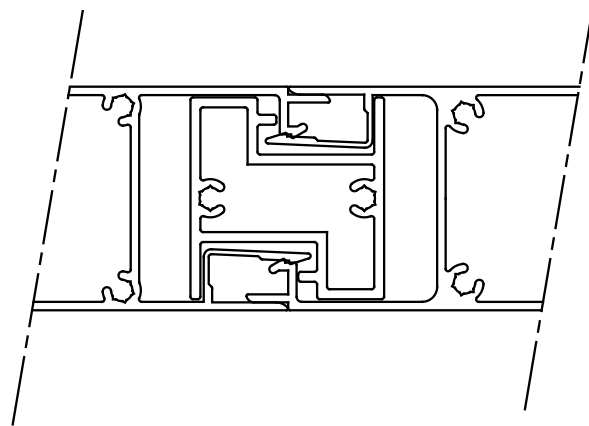


**LVE308**

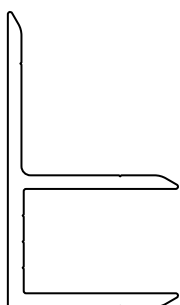
225mm Self Mating Louvre

## Louvre Locking Bar

The Solaire Locking Bar ensures that the louvre sections do not unclip, improving structural integrity of the finished product.

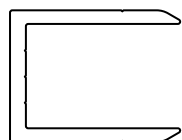


## Structural Fixing Options



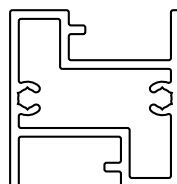
**LVB1**

Structural 45mm F Bracket



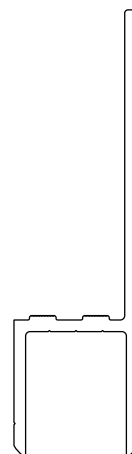
**LVB2**

Structural 45mm Channel



**LVB4**

Patented Locking Bar



**LVB5**

45mm Louvre Bracket

## Potential Configurations

Finished Size	Component Configuration	Sections
100	83 + 17	LVE305 + LVE303
166	83 + 83	LVE305 + LVE305
167	150 + 17	LVE306 + LVE303
184	17 + 150 + 17	LVE303 + LVE302 + LVE303
233	150 + 83	LVE306 + LVE305
250	150 + 83 + 17	LVE302 + LVE303 + LVE305
300	150 + 150	LVE306 + LVE306
317	150 + 150 + 17	LVE306 + LVE302 + LVE303
334	17 + 150 + 150 + 17	LVE303 + LVE302 + LVE302 + LVE303
383	150 + 150 + 83	LVE306 + LVE302 + LVE305
450	225 + 225	LVE308 + LVE308

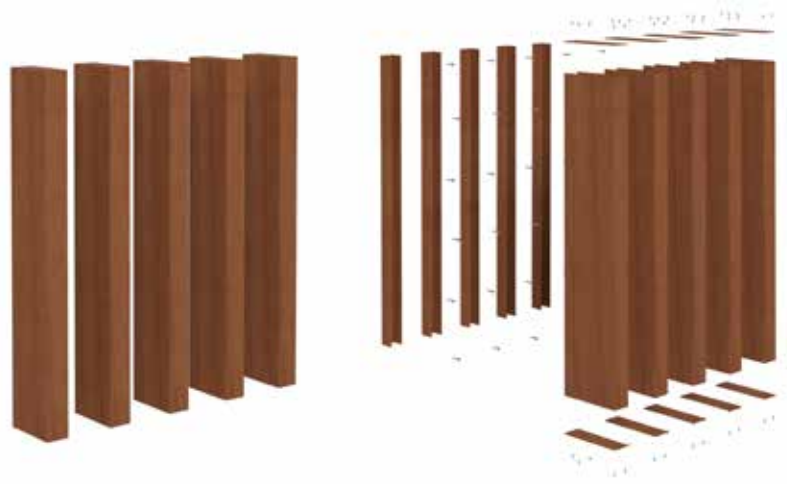


# Solaire Batten Range

Alspec's Solaire Batten range has been designed to offer a superior seamless aesthetic in both domestic and commercial facade, fencing and pergola applications.

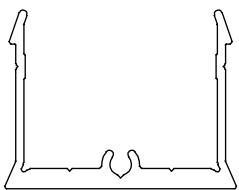
The battens are available from a 50 x 50 through to a 200 x 50 configuration in simple seamless click together aluminium sections.

The Solaire batten range is available in a wide range of durable powder coating finishes including timber grain coatings.



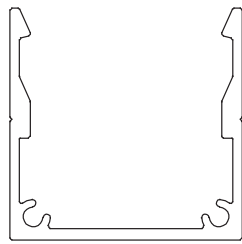
## Batten Options

**\*\*Not to Scale\*\***



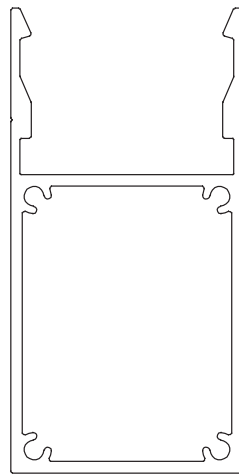
**LVE501**

50mm Batten Flush Infill



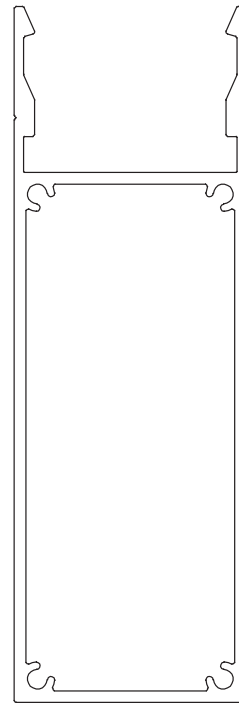
**LVE502**

50 x 50mm Batten



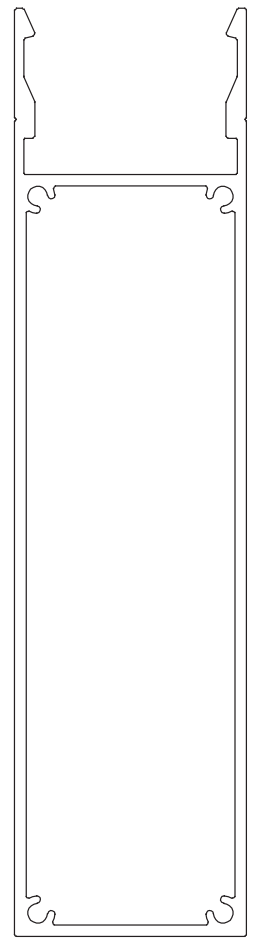
**LVE503**

100 x 50mm Batten



**LVE504**

150 x 50mm Batten



**LVE505**

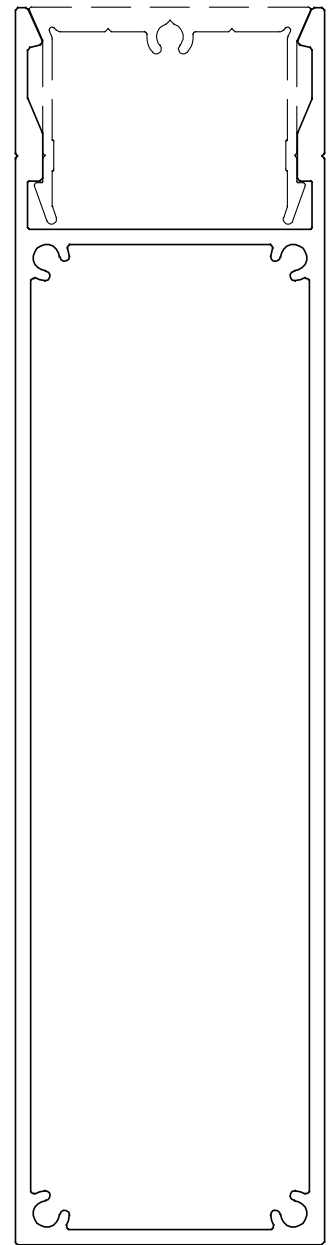
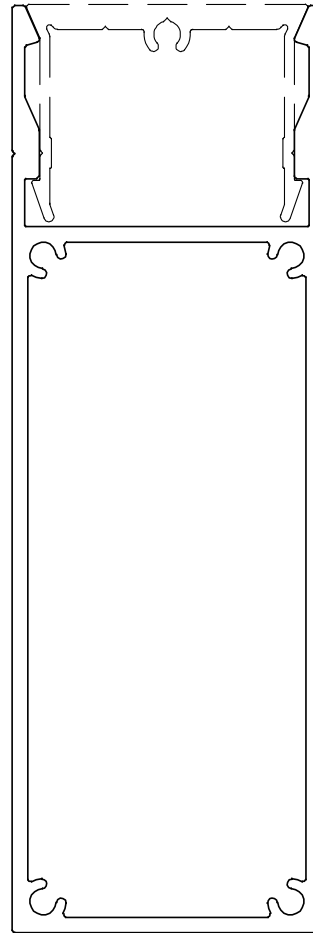
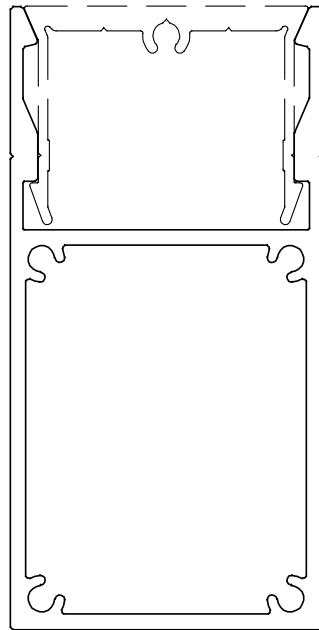
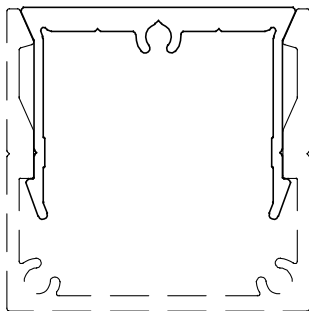
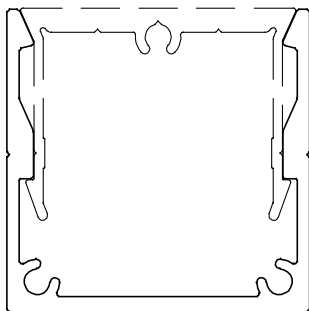
200 x 50mm Batten



# Batten Configurations

Finished Size	Component Configuration	Sections
50	50 + Flush Infill	LVE501 + LVE502
100	100 + Flush Infill	LVE501 + LVE503
150	150 + Flush Infill	LVE501 + LVE504
200	200 + Flush Infill	LVE501 + LVE505

\*\*Not to Scale\*\*



LVE501 + LVE502

LVE501 + LVE503

LVE501 + LVE504

LVE501 + LVE505

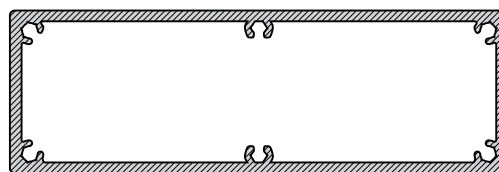
## Other Fixed Blade Options

- Self mating options available in 40mm, 50mm and 75mm configurations
- RHS sections with screw flutes



RB4SF

100 x 50 x 3mm RB4 with Screw Flutes



RB6SF

150 x 50 x 3mm RB6 with Screw Flutes

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