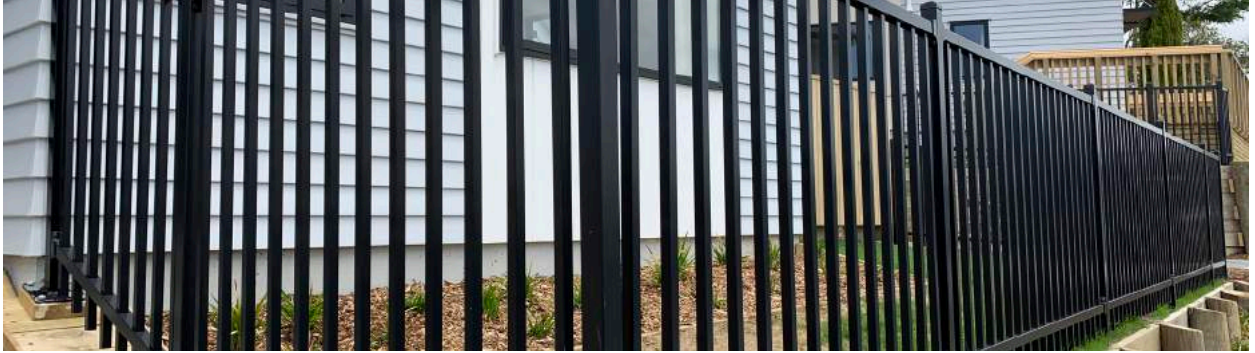


# THE MERCURY BALUSTRADE



## Raking Aluminium Balustrade & Fence Panel

Mercury Balustrade Panels are the most rigid, full-width aluminium raking panels on the market. The patented mechanism not only allows it to rake up to 30°, it also adds to the rigidity, putting it up there with custom made steel panels but without the drawbacks or price tag!

Two variants - both balustrade compliant at full 2.4m centres and rakeable to 30°.

1. **Mercury Commercial:** 40x50mm top rail, 40x40mm bottom rail and 25x25mm pickets
2. **Mercury Residential:** 40x40mm top and bottom rails and 25x25mm pickets

Producer Statement (PS1) available on [www.fencelab.co.nz](http://www.fencelab.co.nz).

## Design Details

### Residential Balustrade

Visually appealing and designed to withstand the elements, this panel is perfect for residential retaining walls, decks and balconies, and conforms to residential balustrade requirements.

### Commercial Balustrade

With its super rigid top rail, this panel is the ideal solution for commercial applications, apartment buildings, parks or schools and conforms to commercial balustrade requirements.

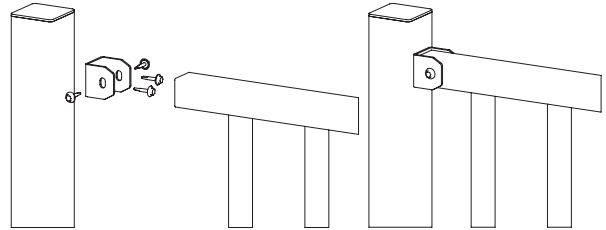


## Residential Balustrade Specifications

**Rails:** Alu 40x40mm top and bottom custom extrusion

**Pickets:** Alu 25 x 25mm SHS

**Recommended Posts:** Alu or Steel 65 x65 x 2.5mm SHS

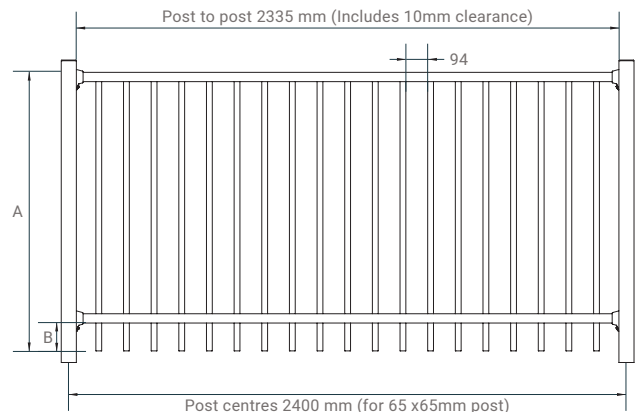


## Commercial Balustrade Specifications

**Rails:** Alu 50x40mm top and 40x40mm bottom custom extrusions

**Pickets:** Alu 25 x 25mm SHS

**Recommended Posts:** Steel 65 x 65 x 2.5mm SHS



### 1.0/1.2 Flat Top 2 Rail

Height	A	B
1.0m	1000mm	120mm
1.2m	1200mm	120mm

### Compliance Table

Panel	Application	Bldg Code Ref	Width	Load	Posts	Relevant Mounting
<b>The Mercury Standard</b> - 40 x 40 Rails, 1.0mh, 1.2mh	Residential Retaining Walls - Single Dwelling	A	2.4m	0.35 KN/M	65 X 2.5mm (6063-T5 Grade Aluminium) Or Steel	Concrete-In
						Timber Retaining Wall Coach Screw
	Residential Deck And Balcony Balustrade	C3	1.2m	0.75 KN/M	65 X 2.5mm (6063-T5 Grade Aluminium) Or Steel	Deck Joist Flange Mount
						Deck Joist Side Mount
<b>The Mercury Commercial</b> - 50 x 40 Top Rail, 40 x 40 Bottom Rail 1.0mh, 1.2mh	Multi Dwelling Residential, Commercial, Parks And Schools	C3, B, E	2.4m	0.75 KN/M	65 X 2.5 Steel	Concrete Side Mount
						Concrete Flange Mount
						Block Wall Side Mount
						Block Wall Flange Mount
						Timber Retaining Wall Coach Screw
						Timber Retaining Wall Bolt
Concrete-In						

See The Mercury Balustrade Producer Statement (PS1) at FenceLab.co.nz

**Panels are supplied with 14 gauge tek screws. Upgrade to Pentaforce security screws for fencing in public places:**



- 5 Sided Pentagon recess to stop all standard driver tool shapes, only the registered Pentaforce driver tools can be used for installation and removal.
- **Two types:**
  - Self drilling 1 - 5mm
  - Self drilling 5 - 10mm