



## Balustrade & Barriers

A compliant balustrade is required anywhere that has a fall of 1m or more. This means that when there is a risk of falling from a retaining wall, balcony, or platform, there is the need for compliance and certification. Hampden installs a variety of options ranging from proprietary panels through to architectural and custom designs, available in steel or aluminium.

Raking panels that follow the contours of the ground are also an option.

### Ideal Application

- Subdivisions
- Commercial balustrade
- Parks
- Schools
- Retaining Walls
- Vertical Builds
- Wharf & Marinas

### Raking Steel Or Aluminium Balustrade System

Hampden offer a propriety balustrade panel made from either galvanised Steel or Aluminium, and both come powder coated. Each system is Building Code compliant at full width (~2.4m post centres). With an ability to rake up to 30 deg it is ideal for ramps, stairs and retaining walls on undulating ground. And the advantage of Aluminium is that it is naturally durable and has a much better powder coating finish then steel.

These cost-effective system makes it the ideal panel fence solution for subdivision developments.

### Custom Designed Balustrade

When it comes to full custom or architecturally designed balustrade, Hampden can design and build to suit project requirements. With our in-house design and fabrication team options are almost endless.

Whether it is a school, commercial / industrial property, housing development or for infrastructure, Hampden will have solution for you.

### Compliance

Whether its a Barrier that requires compliance to the building code under the Pool Fence, or to F4 (Safety from Falling) or Balustrade regulations, Hampden will have an appropriate solution for you.

Hampden also offer compliant design to meet Auckland Transport Code of Practice (ATCOP) - Fence Types F & G.



# Balustrade Panel + Barriers



## Aluminium Balustrade

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!

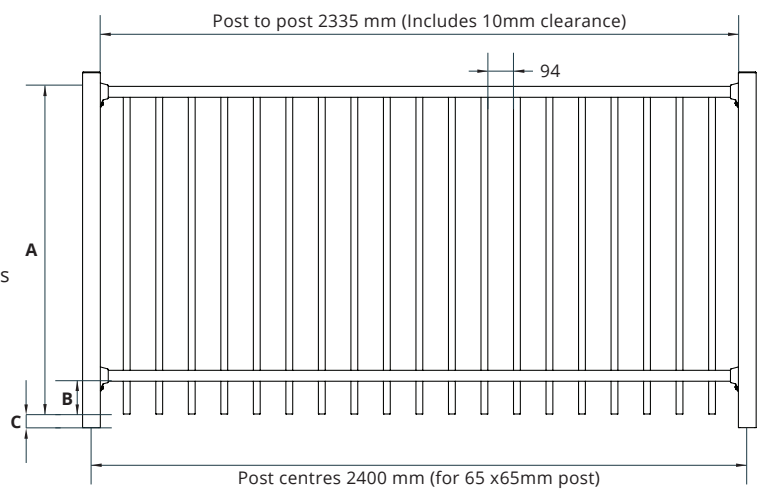
| Height | A      | B     | C    |
|--------|--------|-------|------|
| 1.0m   | 1000mm | 120mm | 50mm |
| 1.25m  | 1200mm | 120mm | 50mm |

### Specifications

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

**Pickets:** Alu 25x1.2mm SHS

**Recommended Posts:** Steel 65x2.5mm SHS



## Steel Balustrade

Steel Balustrade panels are made from epoxy powder coated Z275 galvanised steel. A clever mechanism inside the rail allows the panel to rake up to 30 deg and the panel is balustrade compliant at 2.4m long. This makes it the ideal panel fence solution for housing developments/ subdivisions with long runs.

| Height | A  | B    | c  |
|--------|----|------|----|
| m      |    | mm   |    |
| 1      | 50 | 950  | 50 |
| 1.25   | 50 | 1200 | 50 |

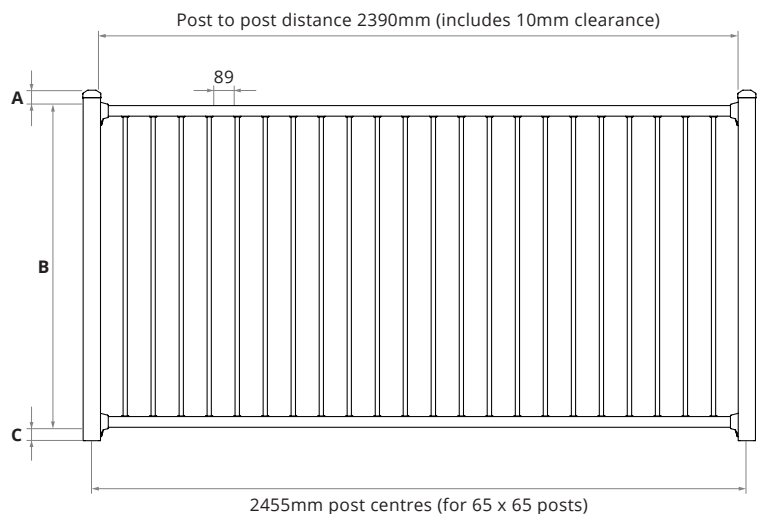
Pre-galvanised steel 2 rails 40x40mm and 2380mm wide with 16mm square pickets

### Specifications

**Rails:** SHS 40 x 1.6mm Rails

**Pickets:** SHS 16 x 1.0mm Pickets

**Recommended Posts:** Steel 65x2.5mm SHS



You will generally only need a building consent for fences over 2.5m. However you may still need a resource consent for some fences below this height. Contact local council to check the specific height restrictions and design requirements for your local area.

**For more specifications and information please visit [www.hampden.co.nz](http://www.hampden.co.nz) or call the Hampden team.**