

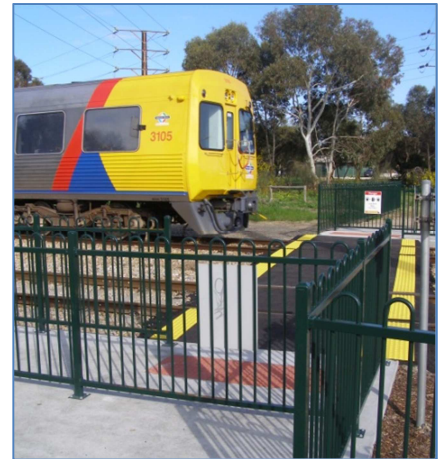
## Product outline

Bluedog offers a range of powder coated metal fencing for pedestrian barrier and safety fencing applications.

This range of tubular fencing is designed to protect pedestrians from all manner of hazards such as roadways, car parks, tramways, and steep embankments or to simply to manage pedestrian movement around open space areas such as parks and walkways (see also steel picket fencing).

### We offer a:

- **Heavier range** of fencing for applications where there is greater 'wear and tear' and the likelihood of vandalism.
- **Standard range** that is a lower cost alternative.



**The benefits** of powder coated tubular fencing include:

- **Lower cost** as compared to heavier solid steel fence alternatives.
- **Tough and long lasting powder coated finish** as compared painted alternatives.
- **Modular design** for efficient install and avoidance of on-site welding.
- **Aesthetically pleasing** tubular design.

**Standard Heights:** 1200mm and 1500mm

**Budget Estimate Rates:** Supply and install \$125 per metre (fencing) and \$385 per metre (gates), for 1200mm high (rates exclude GST).

### Warranties

Fence fabrication: 3 years

Fence installation: 1 year

Powder-coating: 10 year colour fastness (conditions apply).



### Heavier Pedestrian Barrier Fencing

Panel heights	1200, 1500 and 1800mm (standard)
Panel configuration	Vertical pickets are inserted through punched rails with each picket welded at the top and bottom, of both the top and bottom rails.
Pickets	Ø19x1.2mm Circular Hollow Section (CHS) or 25x25x1.2mm Square Hollow Section (SHS).
Picket spacing	Picket spacing is subject to panel height, picket material and site-specific issues. Ordinarily a minimum spacing between pickets of 88mm.
Rails	40x40x1.6mm SHS We recommend the bottom rail be positioned at the bottom of the pickets to reduce the likelihood of tunneling under the fence.
Top profile	Flat top, rod top and loop top* (*Ø19mm round only)
Panel brackets	Shrouds (four per panel); or Recommended alternative: 1-piece heavy duty, hot dipped galvanised security bracket (four brackets per panel).
Fasteners	Colour matched tek screw (3 screws per shroud); or Recommended alternative: Tamper proof Irius Tek screw (3 screws per bracket).

Intermediate posts	65x65x1.6mm SHS; or Recommended alternative: 65x65x2.5mm SHS.
Standard gate sizes	Single gate: 1200mm and 1500mm opening Double gates: 3000mm and 4000mm opening
Gate frame	Stiles and Rails 40x40x1.6mm SHS

## Standard Pedestrian Barrier Fencing

Panel height	1200, 1500 and 1800mm (standard)
Panel configuration	Vertical pickets are inserted through punched rails with each picket welded at the top and bottom, of both the top and bottom rails.
Vertical pickets	Ø16x1.2mm (round) and 19x19x1.2mm (square)
Vertical spacing	Picket spacing is subject to panel height, picket material and site-specific issues. Ordinarily a minimum spacing between pickets of 88mm.
Rails	38x25x1.6mm SHS
Picket top profile	Flat top, rod top and loop top* (*Ø16mm round only).
Panel brackets	Zinc plated shroud. Four shrouds per panel
Fasteners	Colour matched tek screw (three screws per shroud)
Intermediate posts	50x50x1.6mm SHS (1800mm long to suit 1200mm high panel). 65x65x1.6mm SHS (2400mm long to suit 1800mm high panel).
Standard gate sizes	Single gate: 1200mm and 1500mm opening Double gates: 3000mm and 4000mm opening
Gate frame	Stiles 40x40x1.6mm; Rails 38x25x1.6mm

## General

Gate latching hardware	Select from a Magna-latch, Lock Latch Pro, D-latch or Ø20mm slide bolt (lockable in closed position with padlock). Ø16mm x 450mm (long) drop bolt or Ø16mm x 900mm (long) drop bolt depending on fence height. Both are lockable with a padlock.
Gate hinging hardware	Self-closing hinges or Goliath (ball bearing) and Broad Butt hinge combination.
Gate posts	65x65x2.5mm; or Option: 75x75x3 (length subject to panel height).
Post Footing	Fence posts Ø150mm x 600mm deep using 20mpa concrete. Gate posts Ø250mm x 600mm deep using 20mpa concrete. These dimensions may vary depending on panel type and soil conditions.
Post cap	Steel caps (powder coated)
Weld type	All welds are Silicon bronze which has superior corrosion resistance to a standard mild steel weld.
Zinc coating	Pre-galvanised precision tube with a zinc coating mass of 275 g/m <sup>2</sup> across the internal and external surfaces of the hollow steel tube.
Higher corrosion environments	We would recommend the use of our zinc-rich epoxy primer under the top coat to give much greater corrosion resistance.



Flat top (heavy)



Flat top (standard)



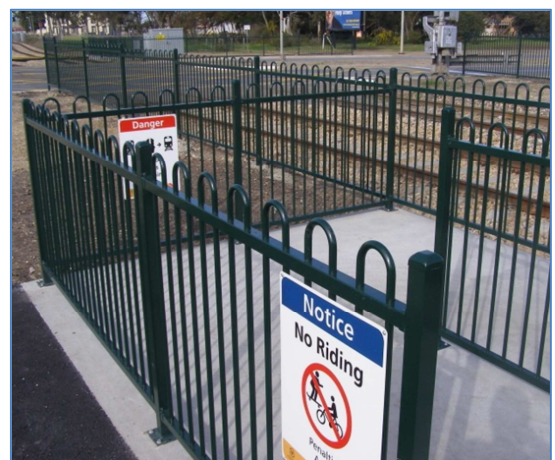
Rod top (heavier gauge)



Rod top (standard gauge)



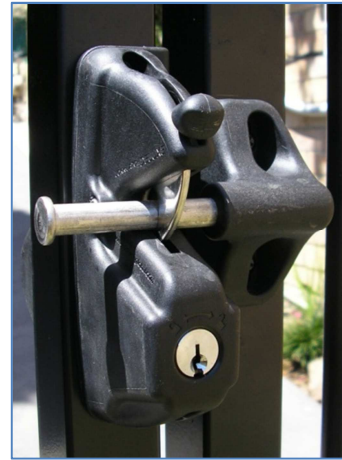
Loop top (railway platform)



Loop top (railway crossing)



Lokk Latch (External; key lockable)



Lokk Latch (Internal; key lockable)



D-Latch (pad lockable)



Drop bolt (pad lockable)



Goliath (ball bearing) hinge



Self-closing hinge