

Fence Specification - For Quotation

Boundary Fence (Non-Common) - Type 1



1.0 Boundary Fence (Non-Common)

1.1 Panels

- Pickets and rails manufactured from pre-galvanised steel tube, zinc coated inside and outside as per AS 1450-1983 and AS 1397-2001.
- Height – 1800mm.
- Length – 2400mm.
- 25mm x 25mm x 1.2mm Vertical Pickets with maximum 90mm spaces inserted through 40mm x 40mm x 1.6 punched rails with each picket to be welded at top and bottom of both top and bottom rails.
- Pickets to be cut and pressed to form spear point top.
- All welds to be silicon bronze.
- Rails to be 150mm from both top and bottom of vertical pickets.
- Finished panels must be fully powder coated.

2.2 Fence Posts

- 65mm x 65mm x 2.5mm x 3000mm long pre-galvanised steel tube, zinc coated inside and outside to AS 1450-1983 and AS 1397-2001, complete with steel cap.
- Finished posts and caps must be fully powder coated.

2.3 Fittings

- Galvanised internal rail brackets and sleeves fastened to posts using 5mm stainless steel rivets or tamper resistant fixings.
- Fixings are to be on the side of the fence unless prevented by bracket positioning.
- Where changes of direction are not 90°, the bracket is to be reconfigured on site to suit the angle, and the sleeve is to be cut at the required mitre from matching powder coated material.
- Brackets and sleeves must be powder coated to match finished panels and posts.

2.4 Gates

2.4.1 Single Gates

- Manufactured from pre-galvanised steel tube, zinc coated inside and outside to AS 1450-1983 and AS 1397-2001.
- 65mm x 65mm x 1.6 vertical stiles fitted with steel caps.
- 65mm x 65mm x 1.6 horizontal rails.
- Top Rail to be 150mm from top vertical pickets.
- Supplied with twin bottom 65mm square rails.
- 25mm x 25mm x 1.2mm vertical pickets with maximum 90mm spaces inserted through 65mm x 65mm x 1.6mm punched rails with each picket to be welded at top and underside of top rails, underside of higher bottom rail, and top of bottom rail.
- Pickets are to be welded into punched bottom rail but not protrude through bottom rail.
- Pickets to be cut and pressed to form spear point top.
- Supplied and fitted with heavy-duty adjustable ball bearing hinge at top, and roller bearing hinge at bottom, which are welded to gate and bolted through gate posts.

Locking Mechanism:

2.4.2 Double Gates

- As per single gate unless otherwise specified

2.5 Gate Posts

- Single gates with a 1.5m opening or less, and Double gates with a 3m opening or less, shall be hinged from a single 100mm x 100mm x 5mm x 3000mm long pre-galvanised steel tube posts, zinc coated inside and outside to AS 1163-1991 and AS 4750-2003, capped with galvanised steel caps.
- Finished posts must be fully powder coated.