

Installation Procedure for Pool Fencing Panels

Tool & Materials Required:

String line, Shovel, Spirit level, Tape measure, 8mm or 5/16 Ring spanner, Tin Snips, Hacksaw, Drill, Hex head adapter, Wheelbarrow, Concrete, Tek Screws, Posts, Rails and Fence sheets.

Step 1:

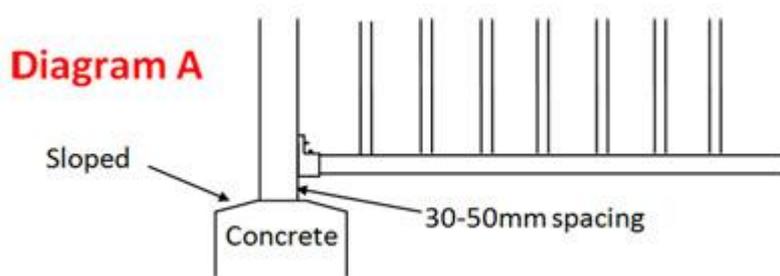
Place a string line along your proposed fence site approximately 300mm above the ground.

Step 2:

Dig holes at 2460mm centres along the length of the fence line. This gives an extra 10mm of play. If longer or shorter panels are being used make the necessary adjustment. Holes should be made to measure 150mm x 150mm x 600mm deep. In soft sand areas the holes will need to be larger.

Step 3:

Concrete in the first post. Mark where the bottom bracket will be screwed in - usually 1210mm from the top of the post. Keep this mark approximately 30mm above the ground for clearance. No contact with soil is best for no corrosion in the long term. Ensure that the post is straight using a spirit level. Mark the remaining posts at 1210mm from top for alignment of bottom bracket. Place posts in holes and ensure the spacing between posts is 2410mm or 2460mm centres. Concrete the posts into place one by one. As each post is concreted in place it should be checked that when it touches the string line it is also straight with the spirit level. Concrete footings should be sloped away from the post as in Diagram A. Also concrete footings should not be any more than 50mm below the bottom rail as in Diagram A. Preferably footings should be 30mm below the bottom rail for maximum strength.

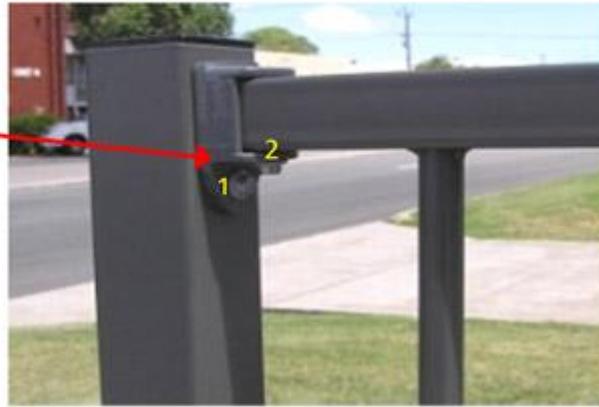


Step 4:

After all posts are concreted into place it is time to let the concrete dry. Quick setting concrete can be left for one hour but self mixed concrete will normally take 24 - 48 hours to set. Once set, the panels can be fitted between the posts. This is done by firstly placing brackets onto the panel horizontals. Hold panel in place between two posts and mark where the screws will penetrate the posts - then put the panel aside. You will need to pre drill the screws into the posts and remove the screws. Once this is done - once again put the panel in place and re-fit screws using ring spanner. See diagram B for screw configuration.

Diagram B

Two screws per bracket for extra strength.



Step 5:

Finish by screwing a second screw into each bracket as per diagram B. This ensures the panel will lock into place and no rattling or movement can occur.

Installation Procedure for Pool Fencing Gates

Step 1:

Concrete tubular posts allowing for spaces between gate frame and gate posts. Alternatively you may be bolting posts to a vertical surface ie: a wall, but the space allowances remain the same.

Typical allowances are as follows:

Using Black plastic spring hinges total gap between posts should be actual gate panel size + 35mm(single) or + 55mm(double).

Step 2:

Using Black plastic spring: Once gate posts are set (usually 48 hours) screw hinges to gate and put gate in required position. Screw hinges to gate posts. Once gate is hinged in position it is then time to attach remaining fittings. Fit Magna latch using instructions supplied in packet. Magna latch should be fitted 1500mm above the ground. It is easily extended to 300mm above post height to accomplish this.

ATTENTION

When ordering a custom made gate please ensure that you measure the total opening that you have. We will allow for posts and spacings when we manufacture your gate.

Alternatively if you require the actual gate panel to be a certain size then tell us and we will add posts and spacings to that size.