

AUSSIE FENCING INSTALLATION PROCEDURE FOR COLOURED STEEL PANEL FENCING

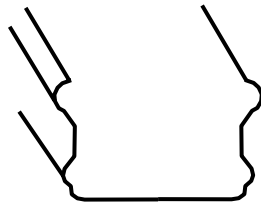
Tools & Materials required: String line, Shovel, Spirit level, Tape measure, Tin Snips, Hacksaw, Drill, Hex head adapter, Wheelbarrow, Concrete, Tek Screws, Posts, Rails and Fence sheets.

Step 1: Place a string line along your proposed fence site approximately 300mm above the ground. Make sure you know the difference between the posts (uprights) and rails (horizontals) as in **Diagram A**.

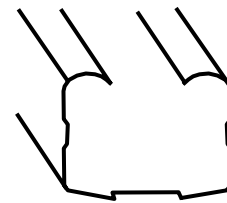
Diagram

A

POSTS



RAILS



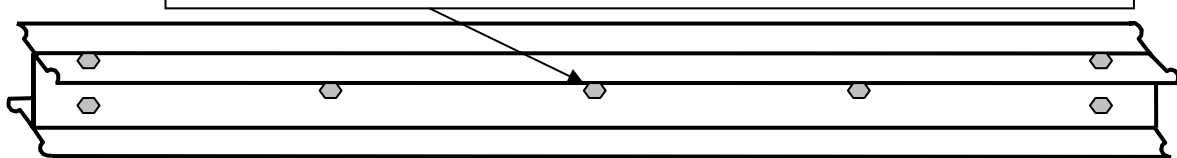
Step 2: Dig holes at 2375mm centres along the length of the fence line. If longer or shorter panels are being used make the necessary adjustment. Bottom rails can be used to measure the distance between hole centers. Holes should be made to measure 250mm x 250mm x 600mm deep. In soft sand areas the holes will need to be larger. If the fence is to be erected with a lattice top refer to Diagram E before proceeding.

Step 3: Concrete in the first post. Make sure that you have marked where the bottom rail will be screwed in – usually 1805mm from the top of the post. Keep the bottom rail approximately 30mm above the ground so that it can drain water after the fence is erected. Ensure that the post is straight using a spirit level. Screw the remaining posts together back to back as in **Diagram B** and mark them where the bottom rail is to be fitted. Place posts in holes and screw top and bottom rails into place. At this stage the fence frame will be leaning to one side – away from the string line. 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 D**. Also concrete footings should not be any more than 50mm below the bottom rail as in **Diagram D**. Preferably footings should be 30mm below the bottom rail for maximum strength.

Diagram

B

Screw posts back to back using 7 galvanized self drilling tek screws.



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 sheets can be fitted into the frames. This is done by removing the screws in one corner of the top rail and hinging the rail on the other corner as in **Diagram D**. Three sheets are then placed between the top and bottom rails letting the top rail down as each rib is pushed into it. Make sure that the sheets are overlapped as in **Diagram C** and inserted in the order of **Diagram D**.

Diagram

C

Correct overlapping of sheets.



