



Installation Guidelines

These instructions must be read carefully before installation commences.

Ezyfence once correctly installed, is warranted to provide years of durable and virtually maintenance free fencing. Every installation is unique and requires decisions to be made, on the job, by the installer. Specific performance requirements, soil conditions, climate conditions, and other situations must be considered for each installation and are the sole responsibility of the installer. Industrial Plastic Shapes Ltd is not responsible for installation practices and procedures and this manual is not intended to cover every circumstance that may be encountered. This manual only contains methods of installations that have been proven successful in the past and is not to be construed as the only possible way of installation.

Prior to installing any style of Ezyfence, you must always:

- Check with local authorities on rules and regulations.
- Check for electrical cables, storm water and plumbing lines before commencing digging.

Installation Procedure

A. Layout a String Line

- Initially, plan on installing all types of PVC fencing by sections. This makes it easier to correct any measuring errors.
- String the line at outer edge of the desired post locations.
- Determine gate locations and opening size.
- Determine exact post locations based on the length of your fence section.
- The fence section width is measured from the center of the post to the center of the next post.
- Mark the location of each post hole with bright colored spray paint.
- To help prevent up-heaving of posts either use a course file to roughen up bottom of post or drill an 18mm hole near the bottom of either side of post.

B. Set First Post

- The first post should be a corner post or an end post. Ensure you place the end and/or corner posts in the correct position on the fence prior to starting.
- Determine the distance that you want the bottom rail to be from ground level (we recommend 50mm).
- Post holes should be at least 700mm deep
- Holes should be 250mm in diameter for the 125mm Ezyfence posts.
- Smooth the walls of the hole and set the post in the hole. Make sure the rail slots are in the direction of the fence line.
- Use your level to make sure that both the top and bottom of the post is level.
- Fill hole with concrete to 150mm below ground level. You can backfill the post to help hold it in place.
- Set post into the hole until sitting at correct height and make sure the post is sitting level and straight.
- If you use wet concrete, avoid getting concrete on the sides of the post for cosmetic reasons.

Assembling Panel Sections.

C. Second Post

- Lay the second post in its hole loosely, ready for when the panel section has been inserted into the first post.

D. Install First Section of Fence:

- Drill weep holes in bottom of all bottom rails to allow drainage of excess moisture.
- Pre assemble panel section of fence on the ground including the rails.
- Pop the rails into the routed post holes. The notched rail ends will hold the rails into the first post.
- Snap the section into the set post first and then into the second post before backfilling and pull posts so rails are tight.....level and backfill the second post.
- When correctly installed, the rails will have a small amount of side to side movement. DO NOT butt the rails together inside the post. This allows the fence to expand and contract.
- Do not let the rail end rest on the opposite side of the post.
- Repeat this process until the fence is complete.

E. Cutting down Panel Sections.

- If you need to cut down sections of panel and rails, be aware that the notches on the rails will be cut off. Just screw in a small right angle bracket between the post and rail on the inside of the fence. This will help secure the rail in place or alternatively, you may want to notch rails out yourself.
- The U shaped channel provided with the each panel will tidy up any panel ends.

F. Level and Secure the Fence:

- Level and square the fence.
- To lower a post, place a block of wood on top of the post and tap with a mallet. **Never** strike the PVC post without a wood block for support.
- To raise a post, lift up on the bottom rail and pull the post up. When it is at the desired height, pour additional concrete or backfill material inside the post.

G. Gate Installation:

- Place the gate on blocks and square it with the fence. The rails should be level.
- Install gate hardware -see instructions inside hardware package.

H. Install Caps:

- Place a small amount of PVC cement on the inside of the cap lip to hold it on firm.

I. Clean Fence:

- A mild cleanser such as Simple Green, deluded in water, may be used to wipe off dirt and marks once you have finished.

J. Incline or Staggered Fence:

- A lot more planning is required for an incline or staggered fence. Blank posts are available and a jig for routing rail insert holes at the desired location/height on the post will be supplied.
- When ordering, please ensure you ask for the number of blank, joiner, end and corner posts you will require for the job.