



## **PolyPost Mark II – Installation guide**

TechPlas PolyPost Mk II is an innovative fencing post with the following features:

- Improved, sturdier core than original PolyPost
- Steel tip for easier installation in hard ground
- Made from 100% recycled PVC
- Non-corrosive making it suitable in coastal regions, salty or acidic soils or waterlogged areas
- Non-conductive means hot wires can be installed without insulators
- Lightweight and easy to carry (around 70% lighter than steel)
- Installed using traditional post drivers
- Proudly made in Australia

PolyPost Mk II can be installed using the following post drivers:

- Manual post driver / dolly
- Petrol post driver
- Pneumatic post driver

PolyPost are strong yet flexible. Therefore, they are recommended for use on straight runs of fencing. Where a change of direction occurs, we recommend that a steel or timber post be used as the PolyPost can bend excessively when the wires are tensioned.

When installing PolyPosts we recommend using the PP Sleeve to minimise flexing during installation. This is done as follows:

1. Slide PP Sleeve (or standard 50mm PVC pipe – around 600mm long) over the bottom on the PolyPost.
2. Place the PolyPost (with sleeve attached) in the required location. Ensure that the flange with the holes is aligned to the others along the fence line.
3. Drive the PolyPost in using either a manual or mechanised post driver. If using a manual post driver do not strike the PolyPost too hard as this can cause the product to buckle. Softer, even strokes are most effective.
4. With a petrol post driver do not pull down too hard on the driver as this can cause the top of the PolyPost to become hot and weaken.
5. If PolyPosts are showing signs of damage to the top through the striking action of the driver you can install a PolyPost metal cap to protect the top.
6. If the PolyPost hits a rock it is unlikely to be able to penetrate it. In this case you will need to stop driving in the PolyPost, lift it out and start again in a nearby location along the required fence line.
7. When the PolyPost is driven into the required depth (typically when there are only 6 holes showing above the PP Sleeve for a 1.65m post), simply remove the sleeve by lifting it up over the installed PolyPost.

Fencing can proceed as normal. Hot wires can be inserted through the holes in the PolyPost or they can be attached using standard wire clips. Both these applications avoid the need to use insulators. Standard fencing wire should be tensioned at the strainer post and then attached to PolyPost using standard wire clips in the same manner as would be done with steel star pickets. Note that the hole spacing for PolyPosts is the same as for standard steel star pickets.

When fixing the fence wire to PolyPost using wire clips we recommend running the wire along the back of the PolyPost and fixing to the holes as shown below. This provides a better option against the wire popping out should an animal charge at the fence or a tree branch fall on it.



### Spacing of PolyPosts.

The design of the fencing is the responsibility of the fencing contractor/farmer and will depend on many factors. The spacing of PolyPosts will vary depending on the animals being kept on the property and/or the pests being kept out. The number of wires or mesh being used is also important and whether the fence is electrified.

For more information refer to the TechPlas website at [techplas.com.au/polypost](http://techplas.com.au/polypost) or call TechPlas on (02) 9636 6755.