

IMPORTANT TO NOTE*

We recommend that before you commence any work, that you contact your local council to check regulation requirements. PS1 document is available on request. Customers should not rely solely on the advice of this document.

Why Guardian Fencing?

Thank you for choosing Guardian Fencing as your supplier for you backyard project, we provide an affordable, quality approved and tested range that will stand the test of time.

All Guardian Fencing Products are made from rust free powdercoated aluminium for enhanced durability, providing a low maintenance, long lasting finish.

NOTE*

This installation guide is to be used as baseline document and customers should visit our resource page below for more in-depth installation methods specific to their style of fencing. www.guardianfencing.co.nz/resources

CUSTOMER SUPPORT 📞

Give us a ring on **(09) 2764071** or send us an email at sales@guardianfencing.co.nz

TOOLS & MATERIALS

MATERIALS CHECKLIST

- FENCE PANELS
- GATE LATCH
- SAND, GRAVEL, CEMENT OR POST MIX
- GATE HINGES
- POST & CAPS
- GATES
- PANEL BRACKETS

TOOL CHECKLIST

- Tape Measure
- Electric Drill
- Post Hole Digger or Shovel
- Pencil
- Chalk
- String Line
- Spirit Level
- Cement Mixer or Wheel Barrow
- Rubber Mallet
- 2 x 80mm Blocks

MEASUREMENTS AND ORDERING

1. Work out fence position and measurements of panels and post.
2. Use the appropriate post depending on its location.
3. Order your materials from your local stockist.

NOTE* Panel height will determine post height i.e. You will need a 2.4m standard post to install a 1.75m pedestrian gate.

SAFETY IS OUR PRIORITY 🛡️

Before you begin any installation project we strongly urge that you wear the correct PPE, these items include but not limited to **Metal Cap boots, Gloves, Hard Helmet, Protective Eyewear, Earmuffs, SPF Sunblock, Kneepads (Optional).**

STEP 1 - BOUNDARY MARKS & POST POSITION

It is important that you measure and determine the boundary of your Guardian Fencing before installation commences, failure to do so will result in an inaccurate installation*

1. Mark out your fence boundary using string and/or laser-level, use our simple formula below to calculate distance between posts. **Distance between posts will vary dependant on your chosen panel size***
2. Post holes should be a maximum of 600mm deep x 200mm in diameter for perimeter fencing. Refer to PS1 for Pool Fencing installation requirements.
3. Dig post holes with hand shovel or powered auger.

POST DISTANCE FORMULA

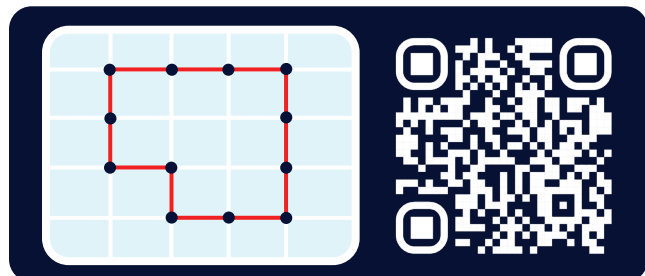
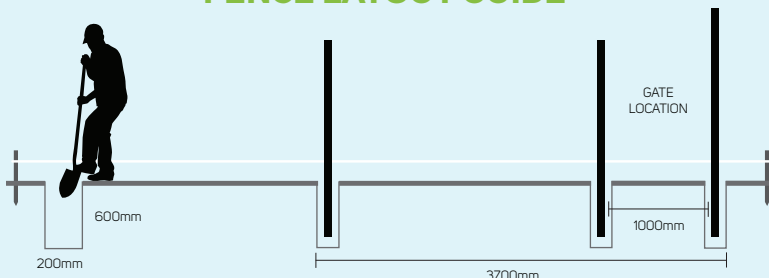
Panel Length + Clearance + Post Size = Centre Point

2400mm + 5mm + 50mm = 2455mm

NOTE* Measurements based on 2400mm Panel installation. Other selected style of fencing will differ.



FENCE LAYOUT GUIDE

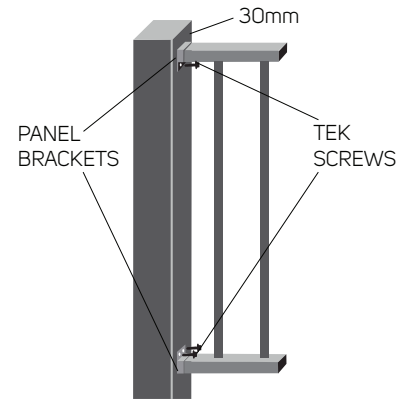
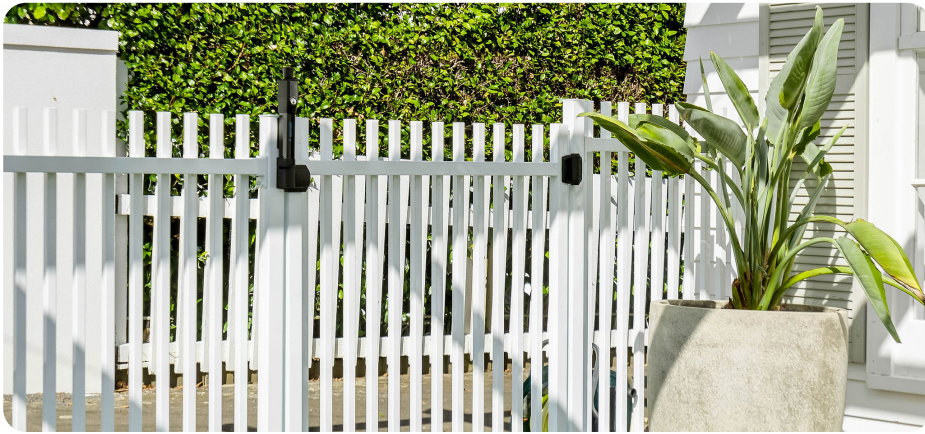


Free Guardian Fencing Planner available from our website or scan the the QR code to view.

STEP 2- FIX POST & PANELS

1. Layout your posts and panels on the ground where where previous markings were made.
2. Depending on panel specifications you will need to fix one panel to one post 30mm above panel with panel brackets and tek screws.
3. Position first post next from gate post. Repeat above process for use with flanged posts using appropriate anchors. **(Refer to page 3 for flanged post intallation)**
4. Place 80mm blocks under fence panels, make sure they do not interfere with string line. Screw the first fence panel to gate post.
5. Ensure that the panel and post are propped, level and in line with the string line using a spirit level.
6. Proceed to pour concrete mix (Certified grade) to a height of 50mm above ground level and taper away for the purpose of water drainage.
7. Once concrete dries completely, repeat process to string line until all the panels and posts have been erected and set with concrete.
8. Sit back and relax, and show off your new fence for all the neighbours to admire!

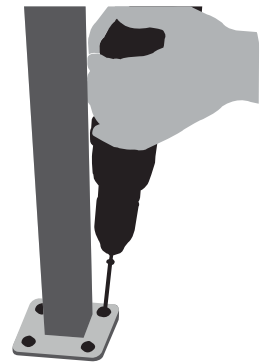
Refer to page 3 for infographic of Post to Panel connection



STEP 3- FLANGED POST INSTALLATION

Note: Flanged posts are to be used when constructing fence on concrete, wooden or tiled surfaces.

1. The flanged post has 4 pre-drilled holes for anchoring purposes. Use an electric drill to fasten the post to desired surface using appropriate anchors.
2. If fastening to concrete surface use stainless steel M10 trubolt stud anchors (Follow proper install methods at all times). For wooden surface application it is recommended to use M10 coach screws.
3. Follow instructions outlined in steps 1 & 2 for flanged post installation with proper anchors.



POST DISTANCE FORMULA

Note: The amount of cement required to install inground posts to standard is dependant on foundation type.

ROCKY/GRAVEL EARTH

Minimum hole depth: 300mm
Standard bags of concrete: 1
 (20kg bag)

CLAY/FIRM EARTH

Minimum hole depth: 600mm
Standard bags of concrete: 2
 (20kg bag)

SAND/LOOSE FILL

Minimum hole depth: 900mm
Standard bags of concrete: 3
 (20kg bag)

NOTE* Quantities are calculated on a per hole recommendation and are only approximate



Need inspiration?

Check out the Guardian Fencing website for our full range of products, resources and installation guides.

Need further assistance? Get in touch by email at sales@guardianfencing.co.nz

