



Install Guide

# COLOURSLAT™ TIMBER

A step-by-step guide to installing your new fence

Version 1.0

# Introduction

Thank you for choosing Boundaryline ColourSlat Timber Fencing. This product will provide you with many years of trouble free protection if installed in accordance with the directions outlined in this document.

The recommendations detailed in this guide are formulated along the lines of good building practice. They are not intended to be an exhaustive statement of all the relevant data.

If you have any questions, please contact our Technical Team on 0800 003 006. We are always happy to help in any way we can.

## Before you start, read this

This guide does not apply to any fences over 1.8m in height. If your fence is greater than 1.8m, please seek further advice from Boundaryline.

- Describe your site details when ordering materials.
- Identify your soil type/ground conditions. Refer to the table in Step 1. This will determine the concrete and footing details required

- Make sure you are aware of underground services before you start digging! These could be gas, electricity, or water mains. Call your local council for more information.
- Check your local council regulations on boundary fencing.
- Check the delivered material for the correct number of components and general condition before beginning your installation.

## Tools

- |  |   |
|--|---|
| <input type="checkbox"/> Tape measure          | <input type="checkbox"/> Angle Grinder    |
| <input type="checkbox"/> Square                | <input type="checkbox"/> Drill/driver     |
| <input type="checkbox"/> Shovel                | <input type="checkbox"/> Post hole digger |
| <input type="checkbox"/> Line marking paint    | <input type="checkbox"/> Circular saw     |
| <input type="checkbox"/> String line           |   |
| <input type="checkbox"/> Spirit or laser-level |   |
| <input type="checkbox"/> Hex drive bit         |   |

Make sure you choose the right tools before you start your fence

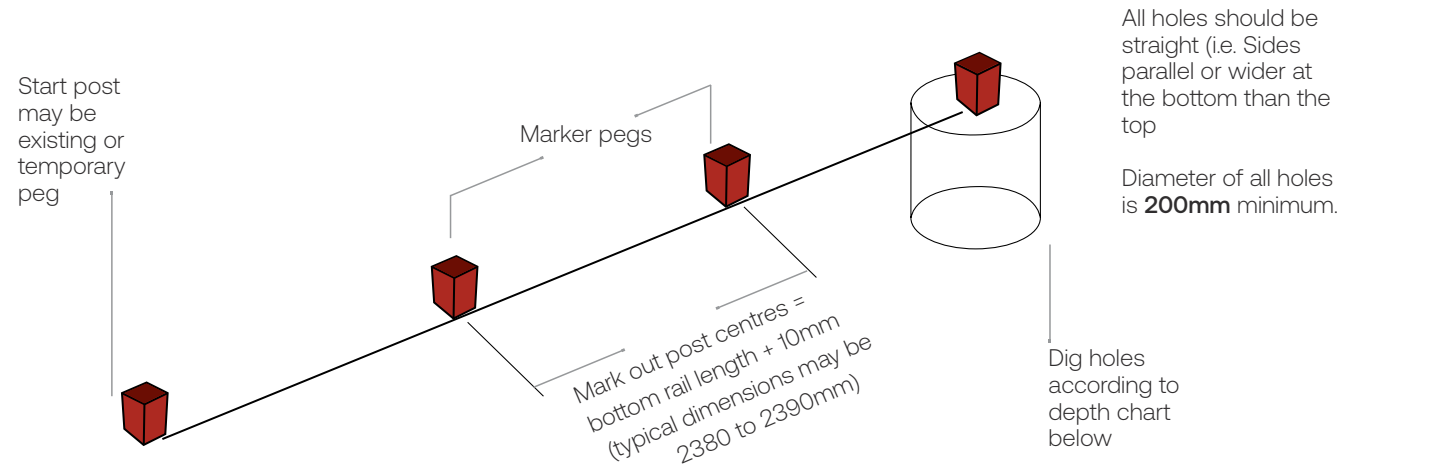
It is recommended that the reader pays particular attention to those items identified as IMPORTANT in this manual to ensure satisfactory long-term performance.

## Safety Gear minimum required

- ☐ Safety boots
- ☐ Gloves
- ☐ Helmet
- ☐ Eye protection
- ☐ Hearing protection
- ☐ Sun protection

# Post Installation

## Step 1 | Mark out your post holes

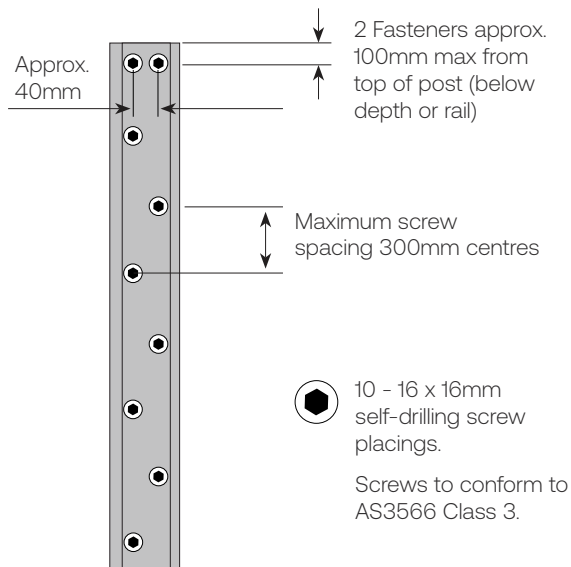


Post lengths required will increase accordingly to cater for these ground conditions.

Soil Type	Minimum Hole Depth	Approximate Concrete Required
Rock	300mm	1 bag per hole (20Kg bag)
Clay/Firm Earth	600mm	2 bag per hole (20Kg bags)
Sand/Loose Fill	900mm	3 bag per hole (20Kg bags)

## Step 2 | Securing Posts

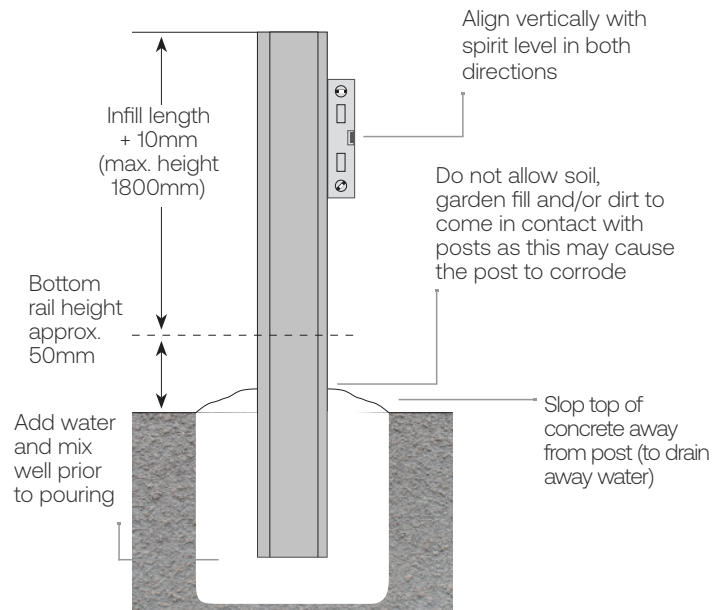
### a. Fastening posts together



#### Important:

If it isn't possible to fix posts as proposed here, please contact us for further information

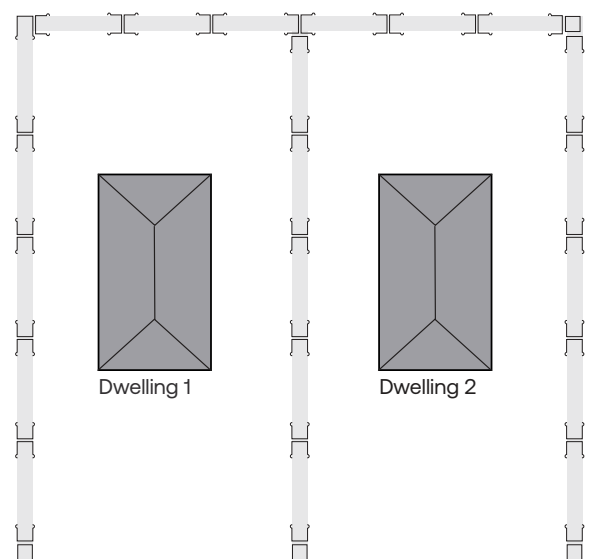
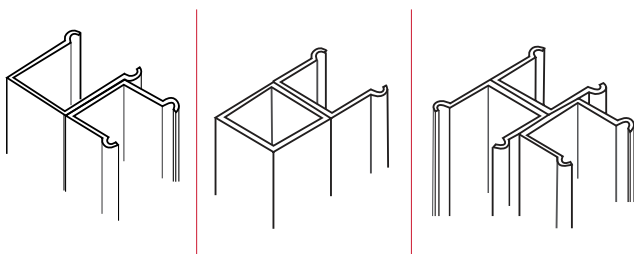
### b. Fixing post in ground



- Place first post in hole
- Adjust to correct height - see step 3 to determine height
- Support post with temporary brace
- Fill hole with fully mixed, wet concrete
- Vibrate and compact the concrete to remove voids.

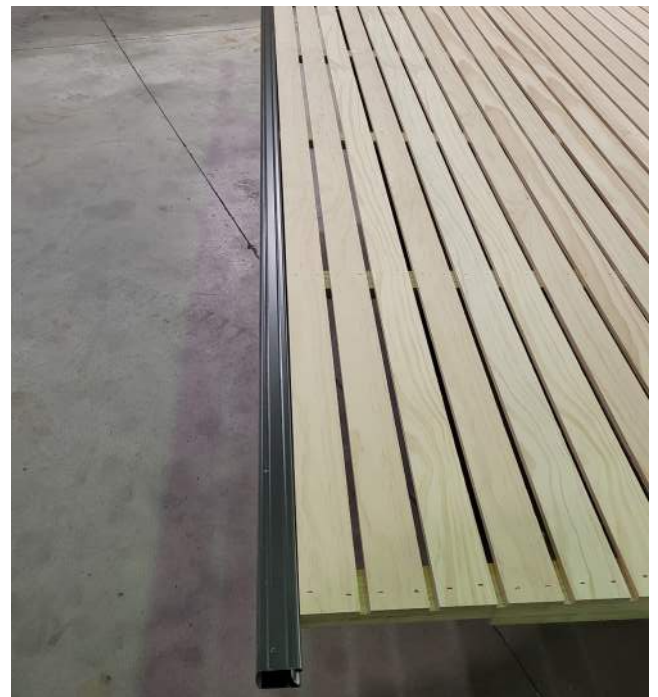
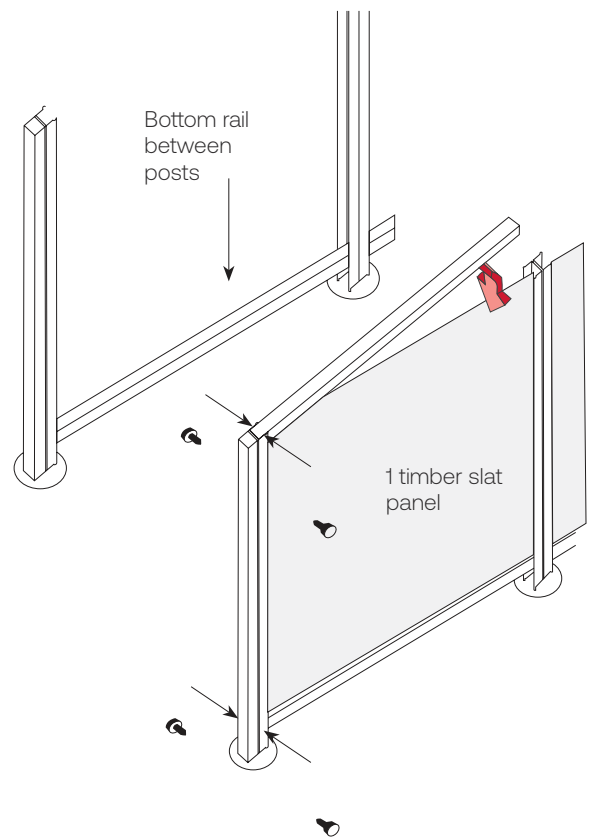
## | Typical installation options for end posts, corner posts and junctions

□ - 65mm SHS Section    □ - Fence Post



### Step 3 | Installing timber slat panel

- Insert bottom rail between posts to determine exact location of next post.
- Adjust bottom rail to correct height - it is important to maintain a minimum gap of 50mm between bottom of rail and ground.
- Screw fix the rails at this stage.
- Place top rail into post and fix with self drilling screws on both sides of posts.
- Ensure that the self-drilling screws are not fully tightened, as they need to be removed when inserting sheets. Ensure the position of the top rail is protruding 2mm above the top of the posts to reduce the risk of injury.
- Continue this procedure until fence length is achieved.
- Allow the concrete to cure overnight. Note: Longer curing period may be required in very cold and/or wet weather.
- Unscrew top rail and remove.
- Fit the timber slat panel into bottom rail, ensuring even spacings on either side of panel to the C posts.
- Place top rail on the timber slat panel working from one end to the other, locating the profile in the rail. A gentle tap with a rubber mallet may help.
- Secure the top rail with self-drilling screws on both sides.
- Hose down with good water pressure when finished to remove any swarf such as drill filings or remnants from the nibbling process.
- Check installation.





## Step 6 | Installing post caps

All ColourSlat™ caps are supplied as a 'double' cap, which are designed to be snapped in half to create two single caps where required. Please note - only black double caps are available.

1



Cut each side of the cap in line with the centre ridge. Use end-nippers – do not use a knife as this is dangerous and difficult to achieve a straight cut.

Ensure the 'nose' of the end nippers is pushed all the way in before cutting.

2



Bend the cap along the centre ridge to snap it, and pull apart to create two single caps.

### Notes:

If the cap is not a tight fit, place a small amount of silicone up inside the cap to secure it. Make sure the silicone is a small bead on the inside corner of the sides only. Also ensure you keep the correct distance from the top of the post to the top of the rail (see page 6)

## Maintenance and Warranty of your fence

1. To keep your fence looking its best, simply wash down periodically with water when cleaning the car or watering the garden. A soft broom should be sufficient to remove any cobwebs. Pay particular attention to the area under the top rail, which is sheltered from natural washing by rain.

2. DO NOT build up soil, garden fill and/or dirt against the bottom rails and posts of your fence as this will retain water and lead to corrosion.

DO NOT use your fence as a retaining wall, as it is not designed for this purpose.

3. Avoid spraying the fence with garden sprays or fertilisers as these can damage the surface. If this occurs wash the fence down with water.

Adequate drainage is needed to ensure that water does not pond in the bottom rail and to assist in the removal of debris. This is achieved by ensuring there is a clearance between ends of the bottom rail and the inside of the posts.

4. DO NOT SPRAY touch up paint directly onto fence as it weather differently to the ColourSlat™ steel. Recommended practice is to spray paint into the inside of the can lid and then touch up any small scratches with a small brush limiting the paint that's applied to the sheet to the scratched area only.

5. Fencing is backed by a 10-year warranty\* under the following conditions:

- Installation > 1km from Marine or Industrial environment
- Fence is installed to manufactures guidelines
- Fence is maintained regularly in accordance with suggestions made by Boundaryline.

ColourSlat Fencing is designed to withstand most wind conditions. The wind on the fence at your site will depend on a number of factors, including the number of surrounding properties and how exposed the location is.

If your property is exposed to higher wind speeds, please contact us for further advice/recommendations.

Also, if in proximity to severe marine conditions or bounding swimming pools, please seek specific advice from Boundaryline.

Contact Boundaryline Fencing

0800 003 006  
boundaryline.co.nz

This document is only intended to be a general guide, as every property & situation is different. Any installation work, including the use of power equipment is completely the responsibility of the person(s) installing. All persons using power equipment must be trained & certified to use the equipment & must wear all applicable personal protection gear. Terranota Ltd cannot accept any responsibility for any faulty installation or damage or injury arising from installation work.