

# Installation Guide

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## Infill

As a result of our AliWood Pty Ltd constant product improvement program, product changes may occur. As such, AliWood Pty Ltd reserves the right to change product without prior written notification.



# Introduction

This guide will show you how to manufacture & install AliWood slats in between your brickwork.

## IMPORTANT

Please read all the instructions prior to starting the installation of your Fence. Understanding the process correctly will be the difference between a good and great result.

The recommendations detailed in this guide produced by AliWood Pty Ltd are formulated along the lines of good building practice. They are not intended to be an exhaustive statement of all the relevant data. Further, as the success of projects depend on factors outside the control of AliWood Pty Ltd (e.g. quality of workmanship, particular design, detail requirements, etc). Aliwood Pty Ltd accepts no responsibility for, or in connection with, the quality of the projects or their suitability when completed.

## Tools Required:



Drop Saw



Tape Measure



Spirit Level



Driver Bit



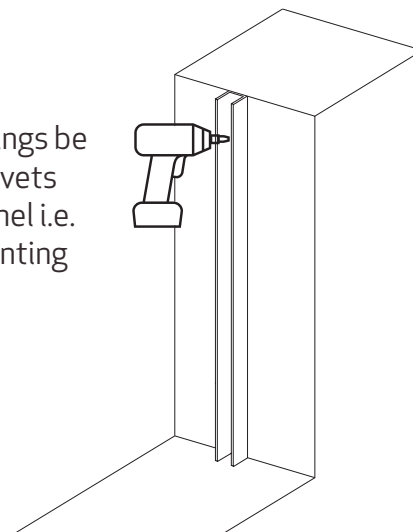
Drill / Driver



# Installation

## Step 1 - Install your mounting channels

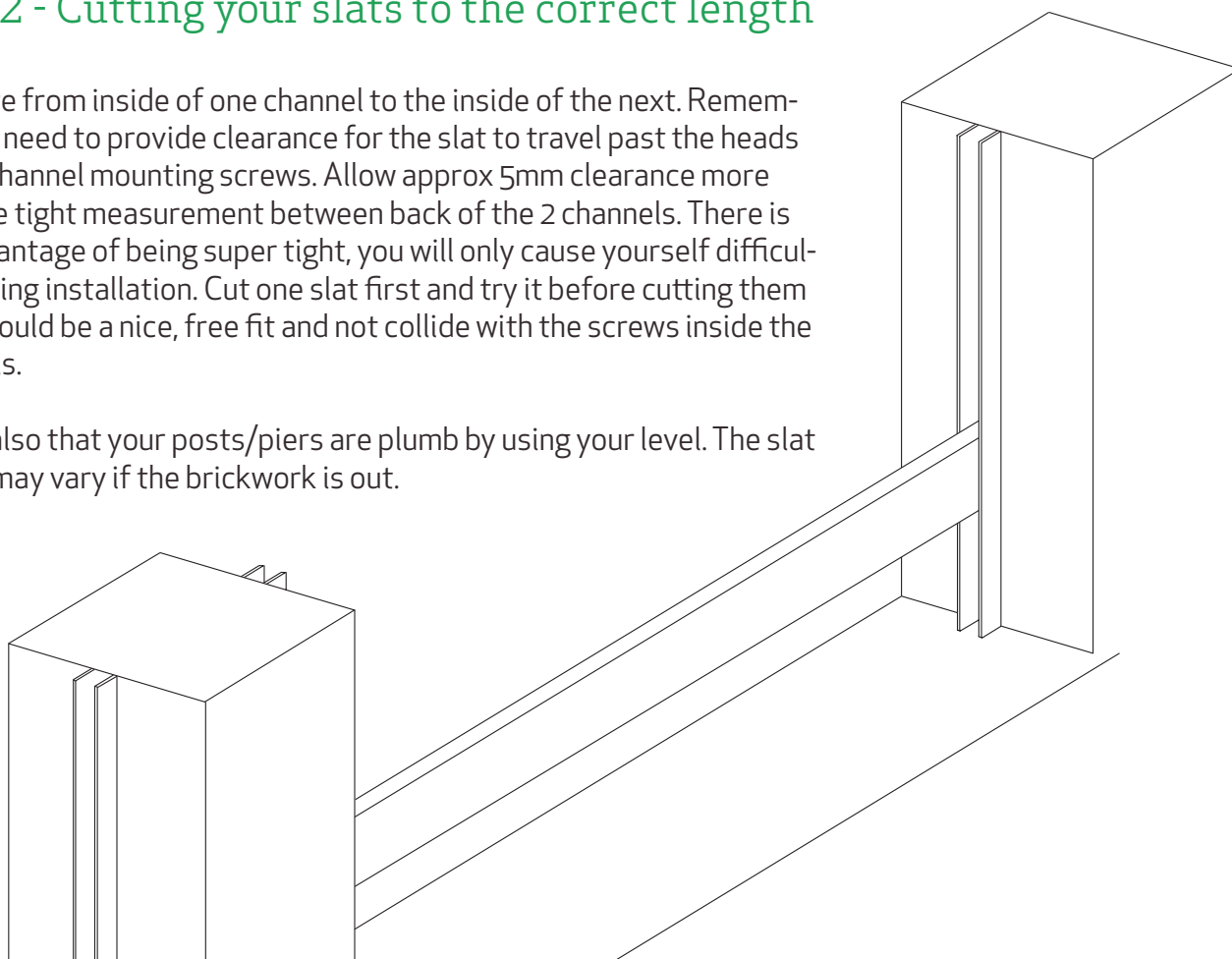
Over a 1200mm length, it is recommended that approx. 4 fixings be used along the length of the channel. These can be screws, rivets or any appropriate anchor for the substrate behind the channel i.e. a masonry anchor if attaching to brickwork. Install both mounting channels at this stage.



## Step 2 - Cutting your slats to the correct length

Measure from inside of one channel to the inside of the next. Remember you need to provide clearance for the slat to travel past the heads of the channel mounting screws. Allow approx 5mm clearance more than the tight measurement between back of the 2 channels. There is NO advantage of being super tight, you will only cause yourself difficulties during installation. Cut one slat first and try it before cutting them all, it should be a nice, free fit and not collide with the screws inside the channels.

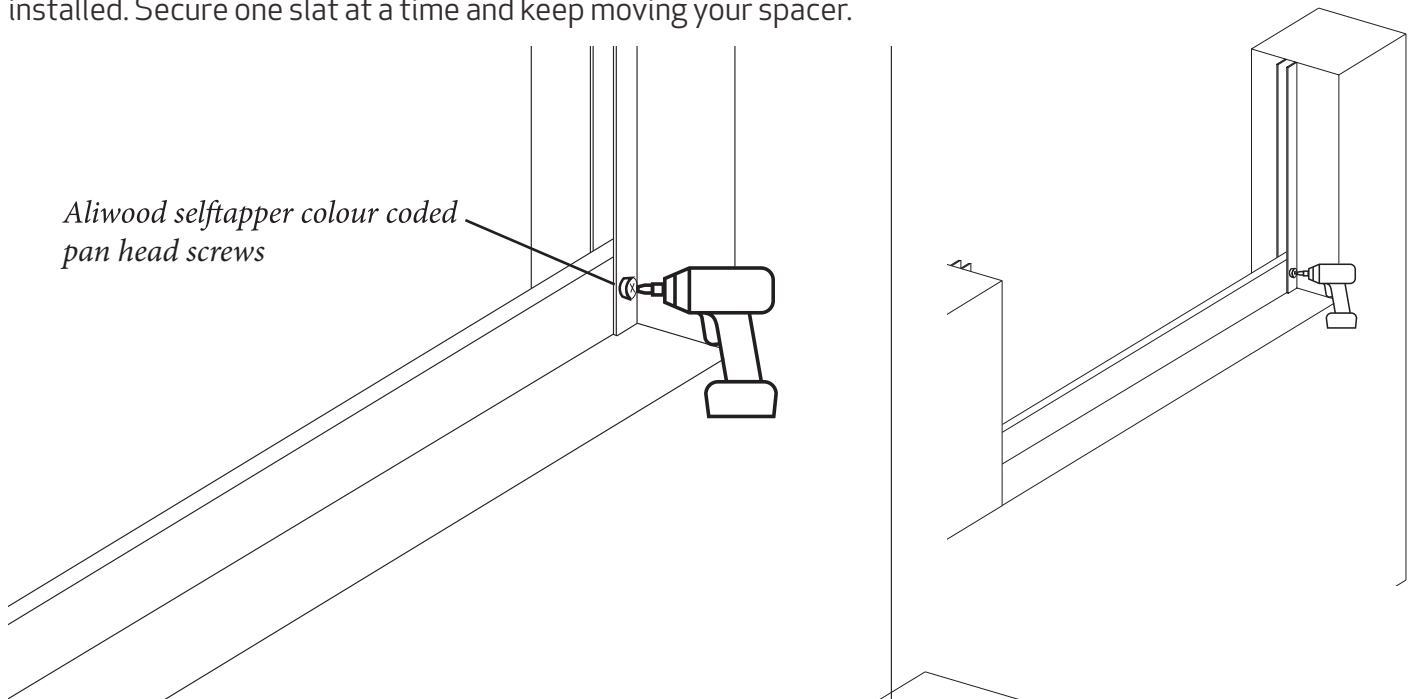
Check also that your posts/piers are plumb by using your level. The slat length may vary if the brickwork is out.



# Installation

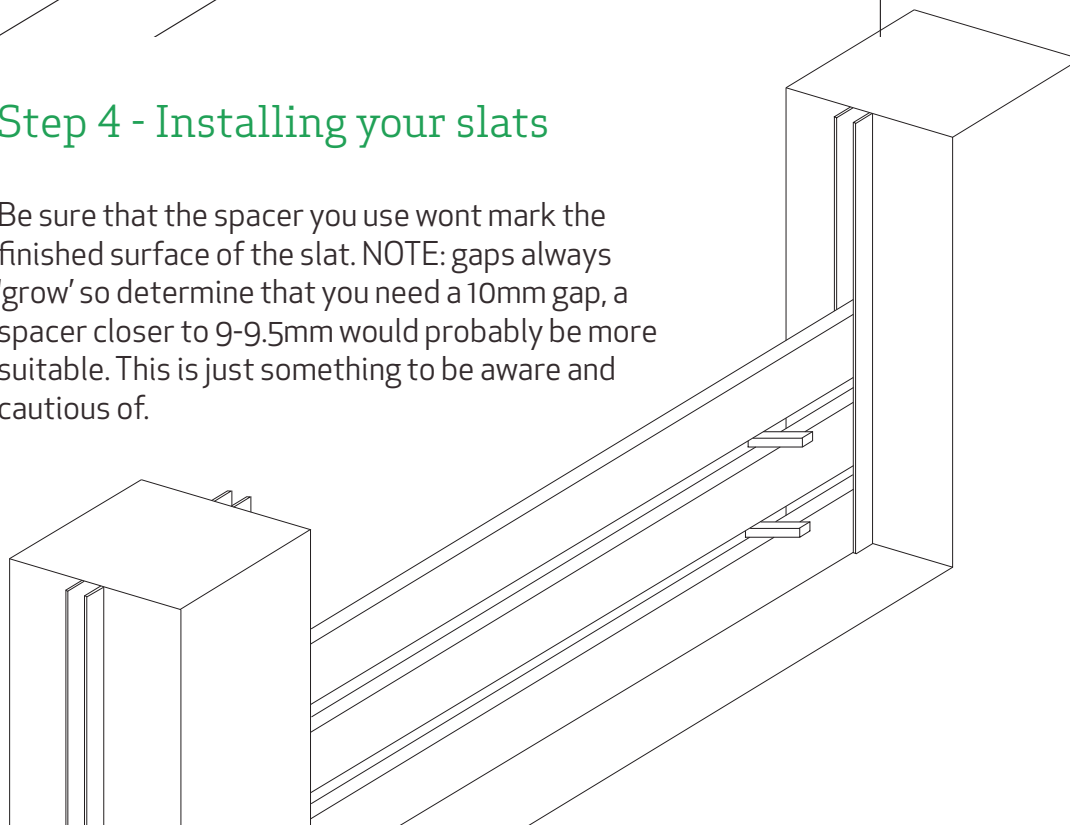
## Step 3 - Slat Spacing

With your spacer on the bottom, install the first slat. Secure the slat to the channel using a single Aliwood screw through the channel and into the slat on the rear side of the wall. Continue this until all slats are installed. Secure one slat at a time and keep moving your spacer.



## Step 4 - Installing your slats

Be sure that the spacer you use wont mark the finished surface of the slat. NOTE: gaps always 'grow' so determine that you need a 10mm gap, a spacer closer to 9-9.5mm would probably be more suitable. This is just something to be aware and cautious of.



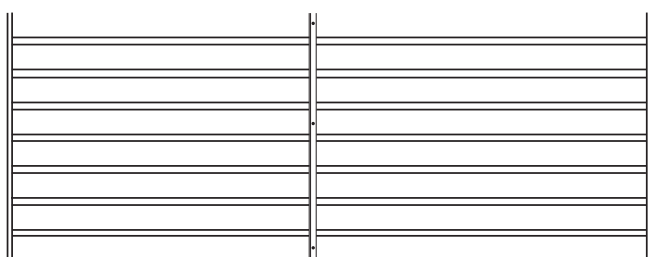
**Hint:** AliWood infill is available in 2.4mtr lengths and can be cut into spacers which "click" into channel. Less screws required & a faster install.

# Installation

## Step 5 - Vertical Brace (Optional)

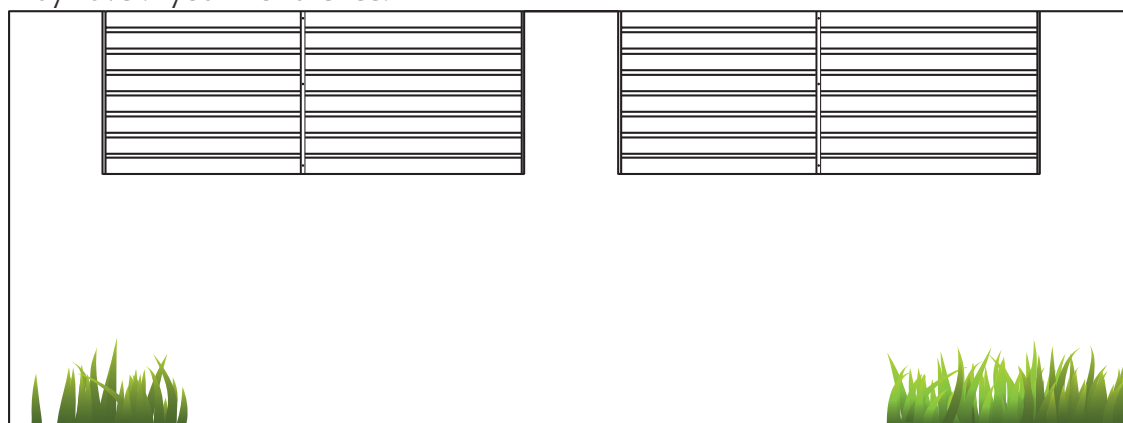
To stabilize the slats in the middle over longer spans you can install a vertical brace at the rear. Measure the height of the slats and minus 10mm. This is the length you will cut your vertical brace at ie; if you measure 590mm from the bottom of the slats to the top you will cut your vertical brace at 580mm.

Making sure the vertical brace is square and vertical, gently push it into position with someone on the other side of the slats pushing back to counteract your pushing action. Either fix 20x20 AliWood angle to slats using screws or a polyurethane glue.



## Step 6 - Finishing the infill panel

Once you have finished the installation of your slats, you can now complete the steps for other panels you may have in your front fence.



Spanning AliWood SL slats can span comfortably to 2.4mtrs ( depending on high wind zone areas.) Council requirements should be sought if you are in a cyclone rated region.



# Completed Projects



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+61 3 5831 2574  
+61 3 5831 2575

[sales@aliwood.com.au](mailto:sales@aliwood.com.au)  
[www.aliwood.com.au](http://www.aliwood.com.au)

445-447 Goulburn Valley Hwy Shepparton VIC 3631  
PO Box 6458 Shepparton VIC 3632

ABN 25 613 779 025