

# Installation Guide

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# Sliding Gates

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 an AliWood Sliding Gate.

## IMPORTANT

Please read all the instructions prior to starting the installation of your Gate. 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 - Measure your actual gate opening

**Handy Tip:** Check with your level, that the two walls/posts are plumb. You may have to work to the lesser measurement and "pack" out a post.



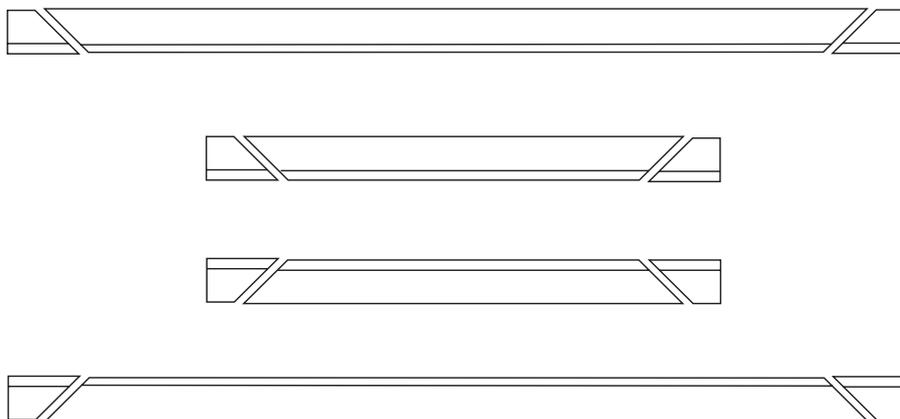
## Step 2 - Cutting your frame and slats to length

Your gate frame is manufactured from C8050SSS AliWood Section. This is a 80 x 50mm box. Add a further 100 - 200mm to the gate opening length. This allows for overlap of the drive pillars for the catch bracket and roller bracket.

Standard frame C8050SSS section is available in 5800mm lengths. Above this length are only available in standard powder coat colours.

# Installation

## Step 3 - Cutting your C80 x 50SSS to correct length

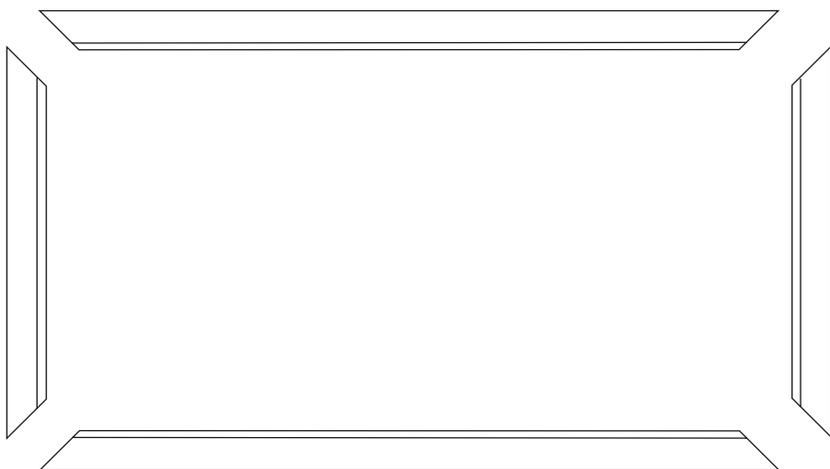


Creating your gate frame:

Measurement A is the length to cut the top and bottom rail at.

Measurement B is the length to cut the sides at.

## Step 4 - Mitering 50 x 50 SSS to 45 Degrees



All corners should be cut at a 45 degree angle.

**Hint:** Be sure to lay the SSS side facing inward to collect your slats

## Step 5 - Wheel Housing

Cut your wheel holes in your bottom rail. Divide your bottom rail x 3 and cut the wheel housing in place.

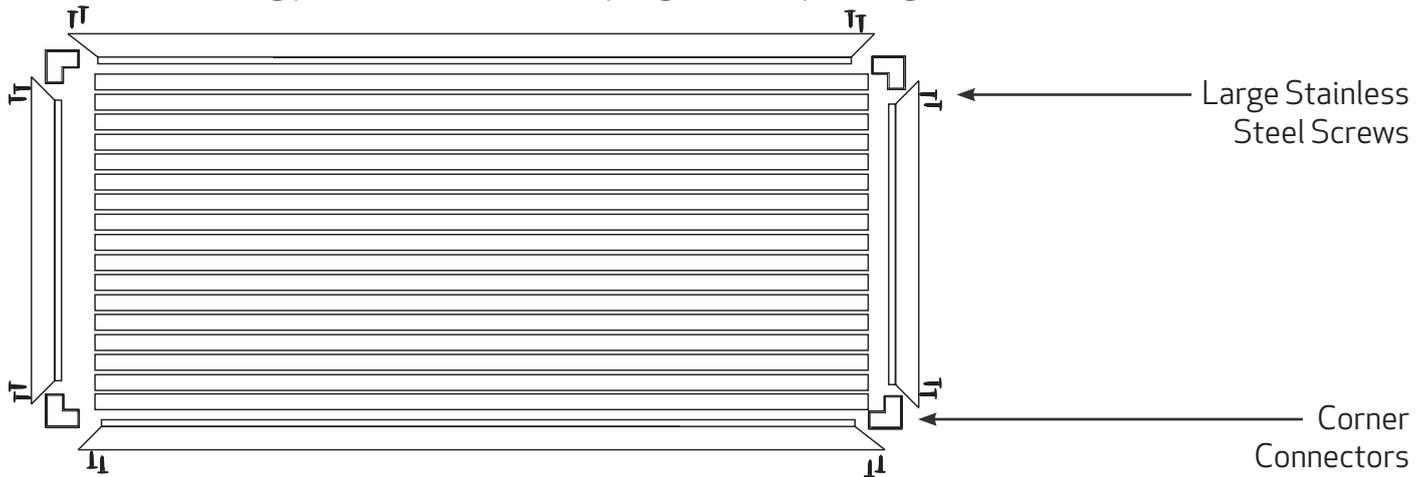


# Installation

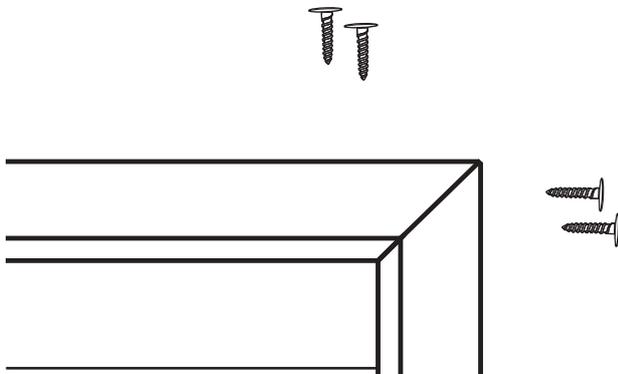
## Step 6 - Inserting Corner Connectors

Clamp the frame

**Hint:** The side facing you is now the inside of you gate when you hang it.



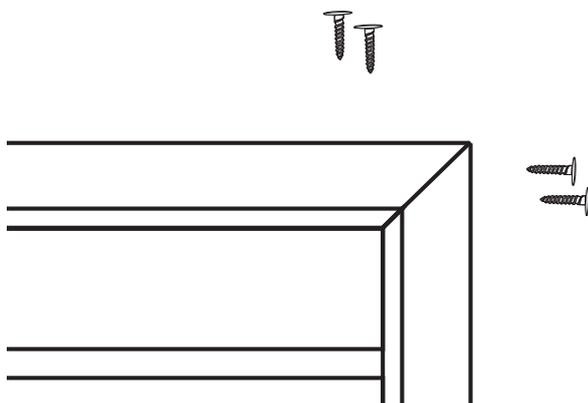
## Step 7 - Fixing the Frame



Slip all your slats into place inside the 5050SSS section

**Hint:** At this point the slats should remain loose.

## Step 8 - Fixing the Frame



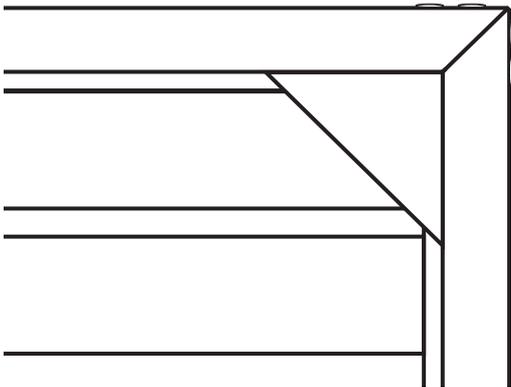
Slide the very top slat hard into the SSS section of the top rail

Slide the very bottom slat into the 5050SSS section of the bottom rail

**Hint:** This will help hold the corners square whilst they are screwed off.

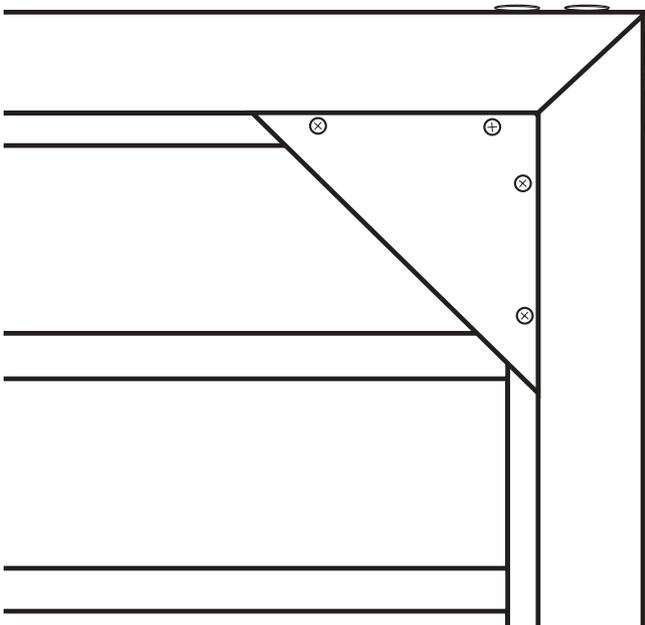
# Installation

## Step 9 - Fixing the Frame



Screw off your frame with 2 AliWood Large screws either side of the corner

## Step 10 - Fixing the Frame



Place the AliWood Corner Gusset into position. Set your first slat where it is desired and screw off the corner gusset either side of the mitre joint. Repeat this process in each corner.

**Hint:** The corner gussets are important to help your gate stay square for years to come.

Space out your slats accordingly and use a spacer to retain the desired gap whilst you screw off each slat.

**Hint:** 15mm is recommended as a good privacy spacing and you can use an offcut slat for the spacer

One AliWood screw is required in each end of each slat.

Screw your wheels into place.

# Installation

## Step 11 - Ready to Roll

Your AliWood Sliding Gate is now ready to roll! For automation, see our range of motors and accessories.



# Completed Projects



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