

Installation Guide

Double Swing Gate

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 Double Swing 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



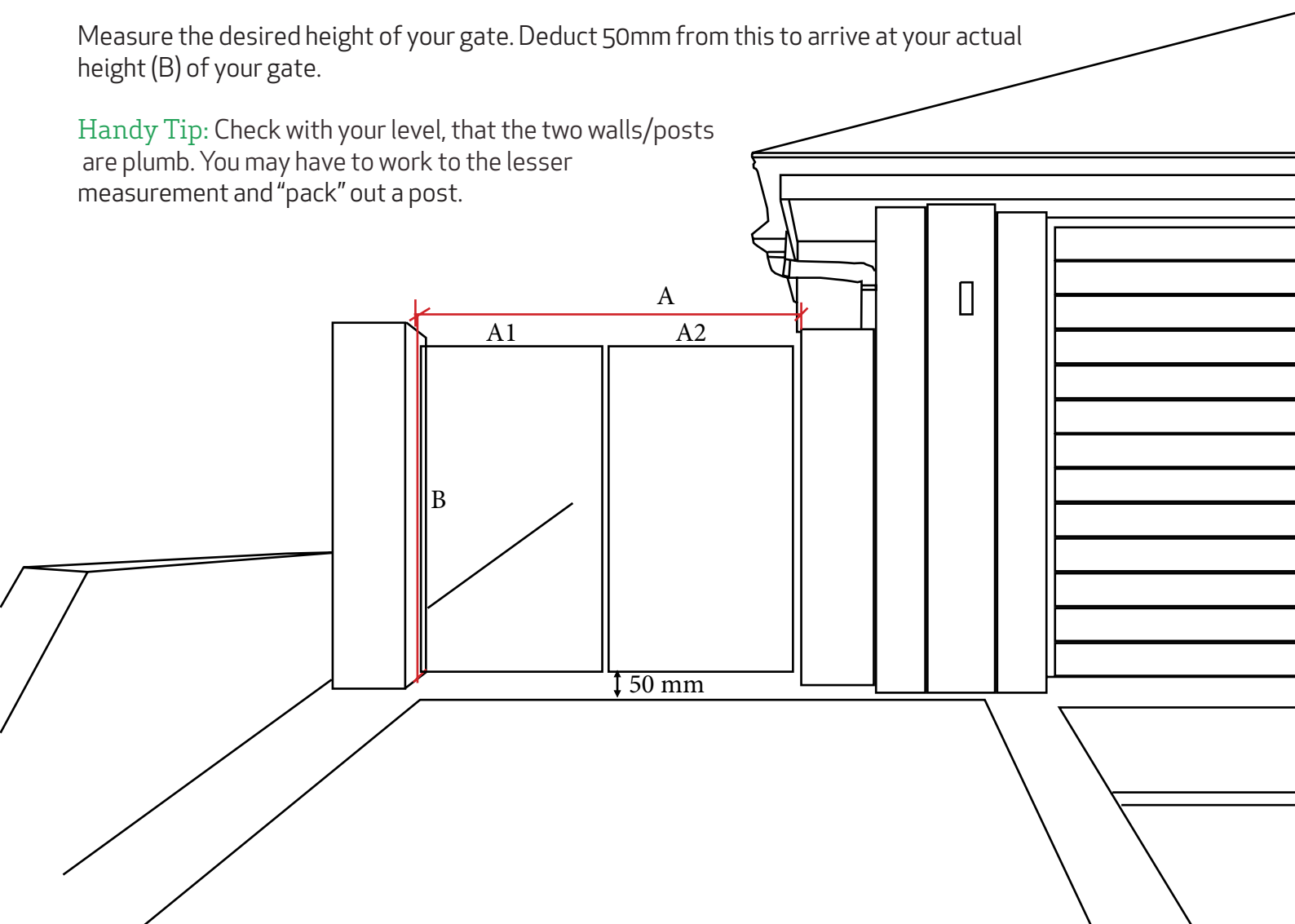
Installation

Step 1 - Measure your actual gate opening

Measure your actual opening, from this measurement deduct 50mm for a post either side & a further 15mm each side for the hardware spacing's (hinges and lock set) and also 15mm in the middle (45mm in total). This measurement (A) is the actual width of your 2 gates. Divide this measurement by 2 to determine the width for each individual gate ($A1 + A2$).

Measure the desired height of your gate. Deduct 50mm from this to arrive at your actual height (B) of your gate.

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.



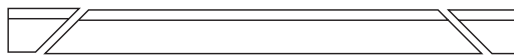
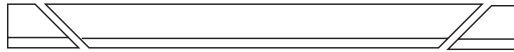
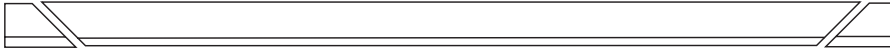
Step 2 - Cutting your frame and slats to length

Your gate frame is manufactured from 5050SSS (SSS = Single Side Slat) section. This is a 50 x 50mm box. From measurement (A), deduct 100mm (for the frame vertical sections) to arrive at the desired length you should cut your horizontal slats.

Hint: Deduct another 3-5mm so the slats slip in easily!

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

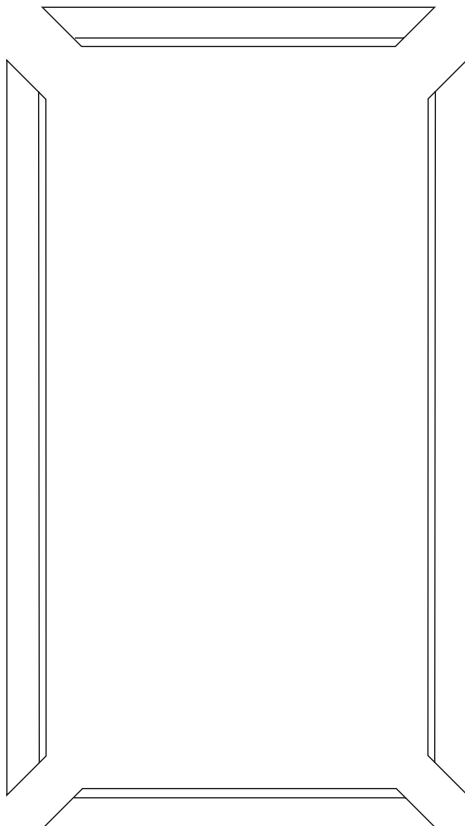


Creating your gate frame:

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



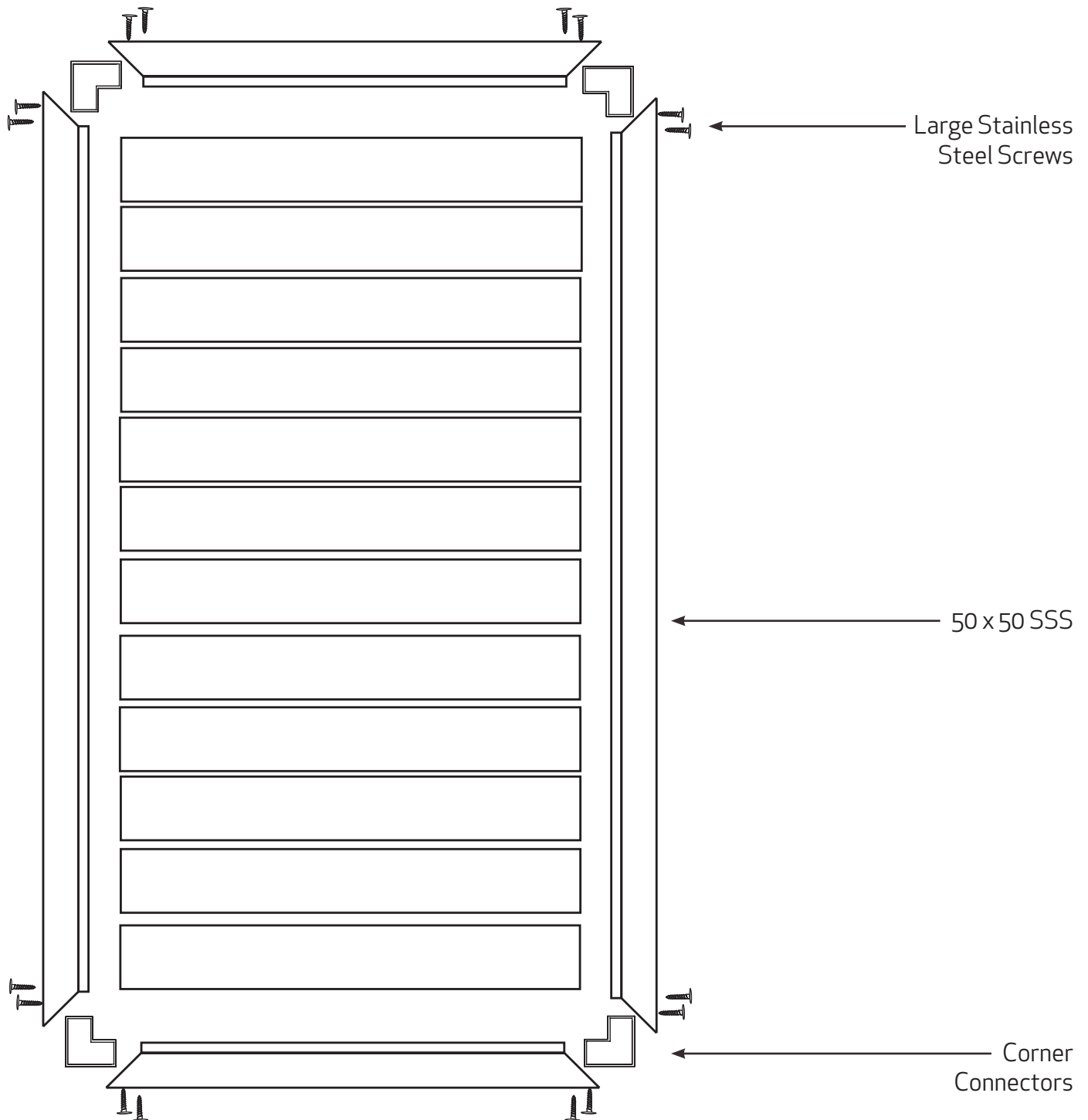
All corners should be cut at a 45 degree angle.

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

Installation

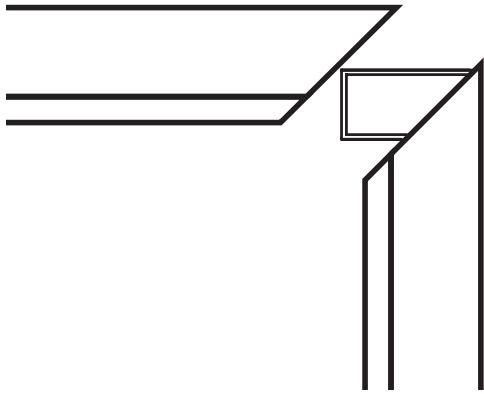
Step 5 - Inserting Corner Connectors

Slide the AliWood corner connectors into place, creating the frame



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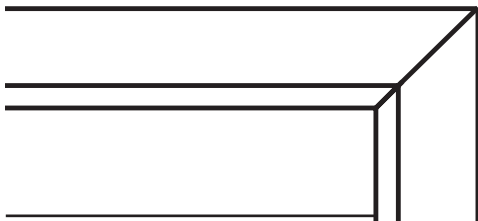
Step 6 - Inserting Corner Connectors



Clamp the gate.

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

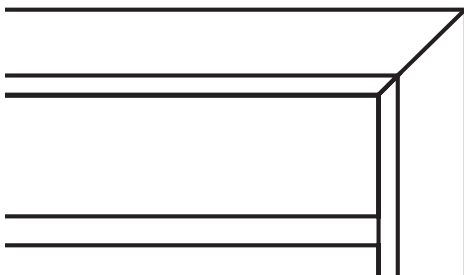
Step 7 - Fixing the Frame



Slip all your slats into place inside the 5050SSS section

Hint: At this point the slats should remain loose.

Step 8 - Fixing the Frame



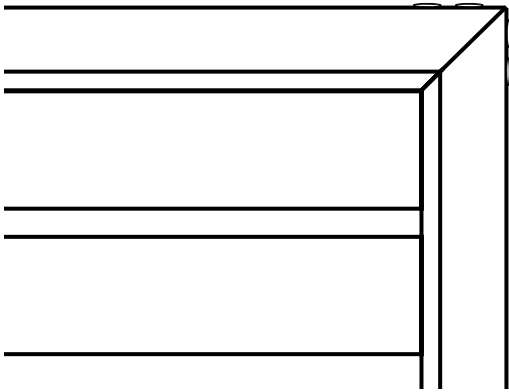
Slide the very top slat hard into the SSS section of the top rail

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.

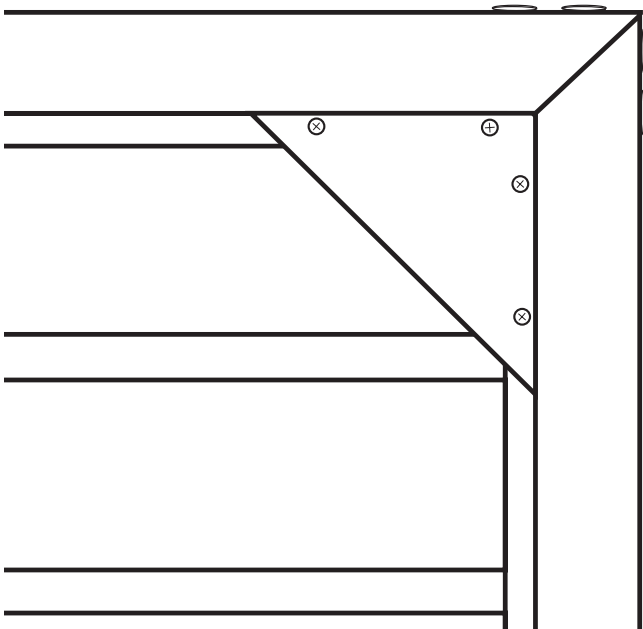
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Step 9 - Fixing the Frame



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

Step 10 - Fixing the Frame

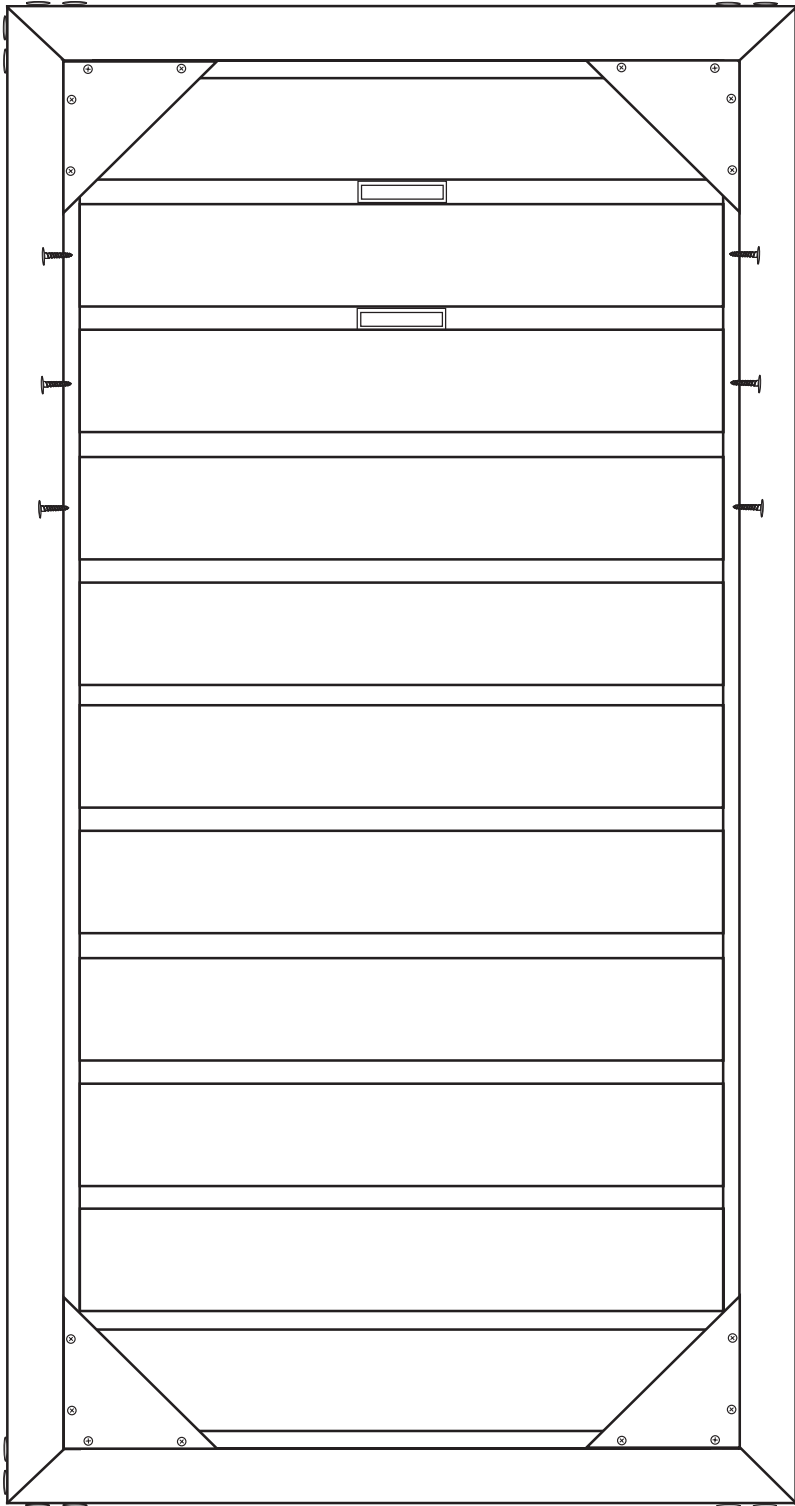


Place the AliWood Corner Gusset into position. Set your first slat where it is desired and screw off the corner gusset either side of the mitre joint. Repeat this process in each corner.

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

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Step 11 - Slat Spacing



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

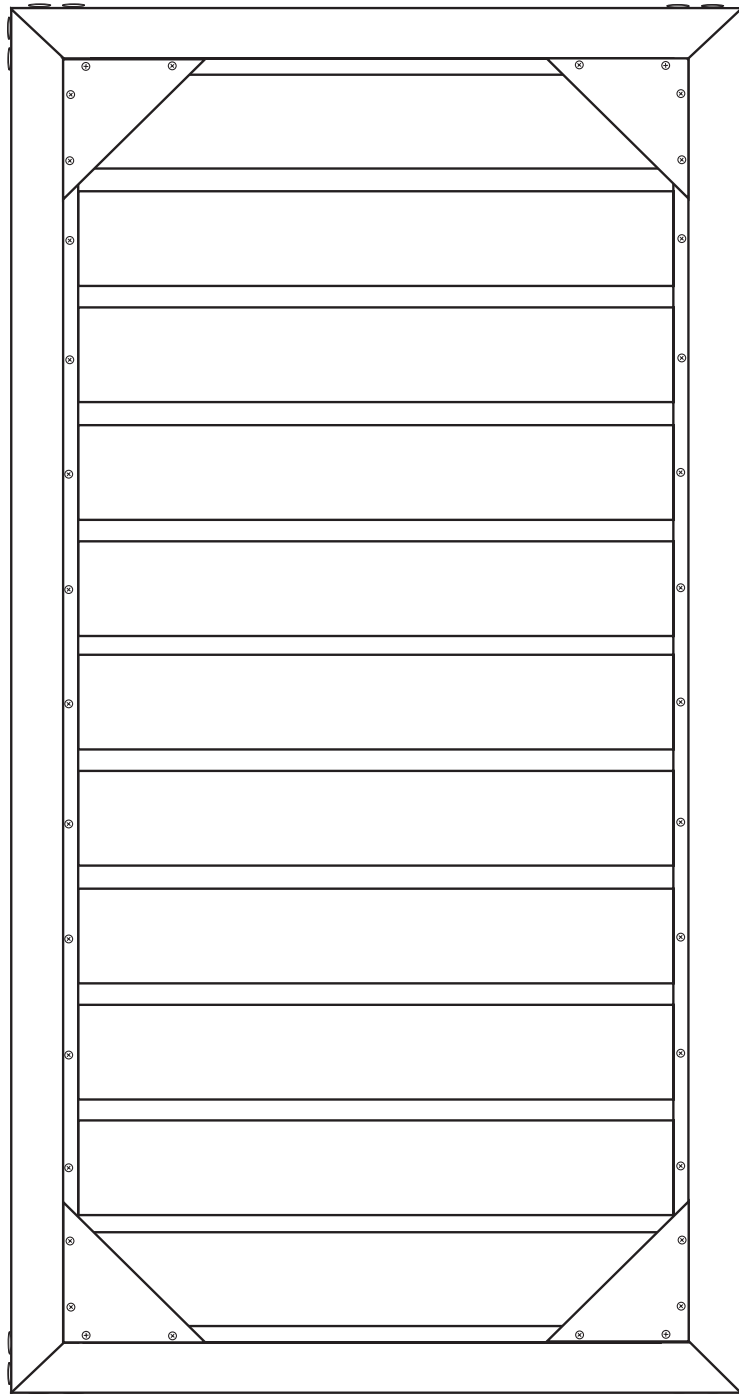
Hint: 15mm is recommended as a good privacy spacing and you can use an off-cut slat for the spacer

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

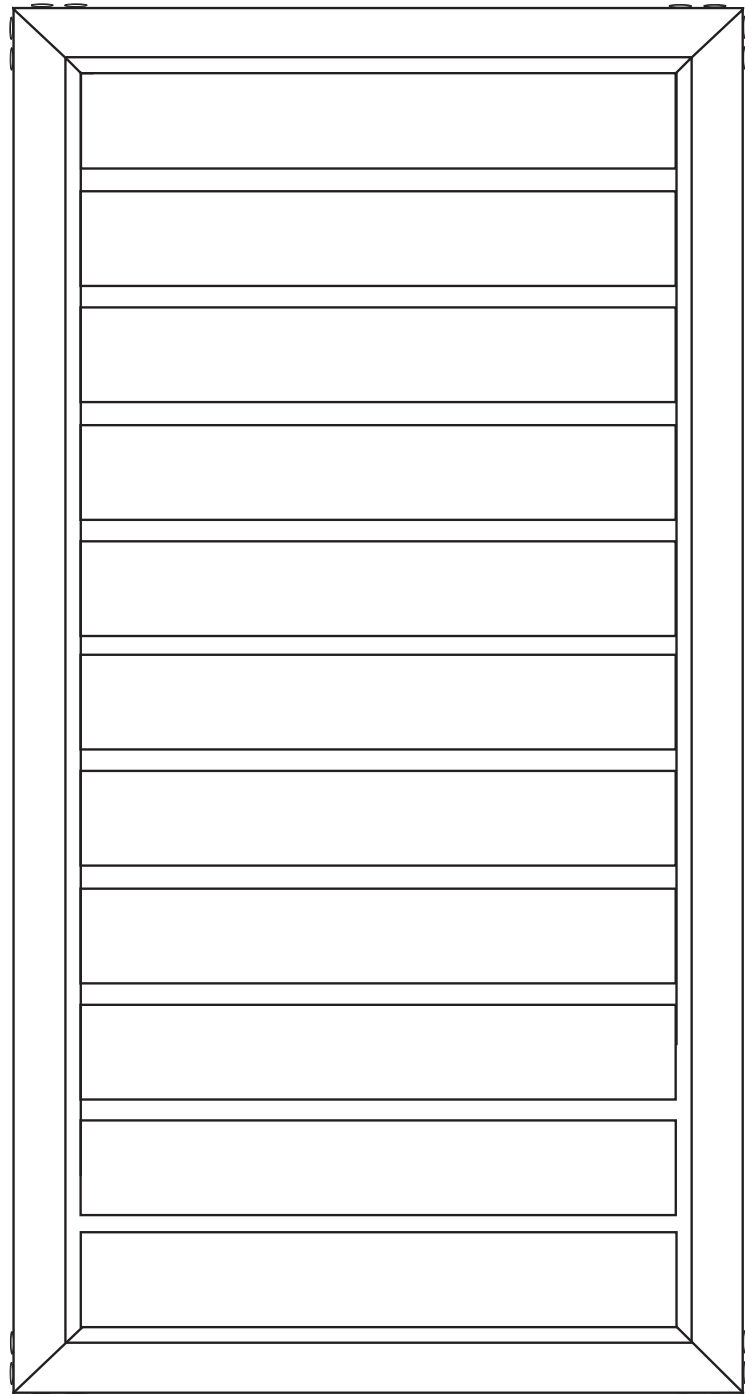
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Step 12 - Gate Fabrication Complete

One gate is now complete. You can remove any AliWood Protective plastic from your gate. Repeat steps to create the second gate. Hinges and locks and be fitted at this point.

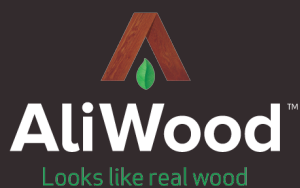


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