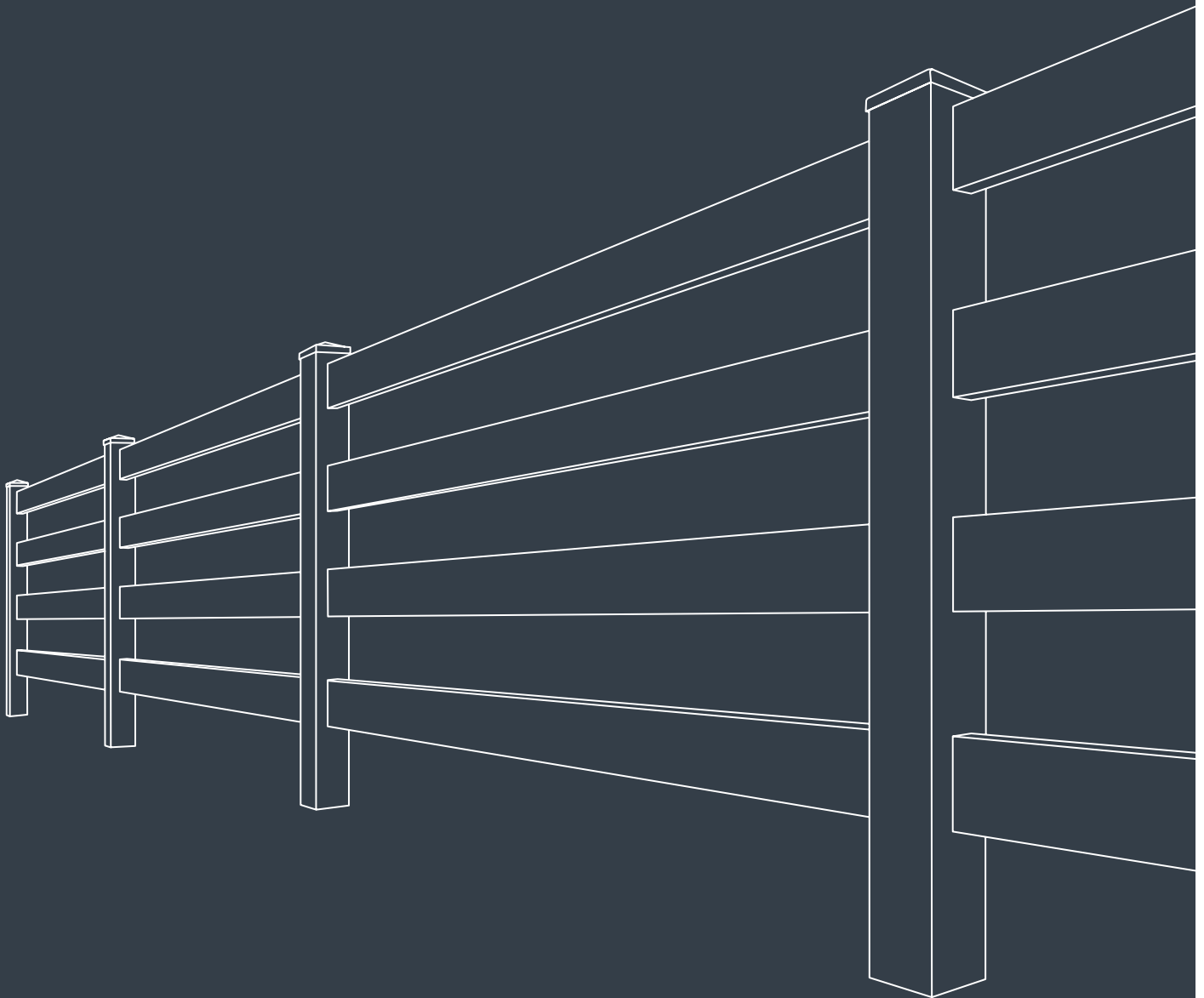


Timberline Fencing Post & Rail.

Installation Guide



thinkfencing
The Thoroughbred of Fences



Timberline x4 Rail – Red Gum

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Getting Started

Congratulations on your new Think Fencing Timberline Post & Rail Fence

Timberline is the post and rail for the 21st century. Created from non-toxic vinyl, Timberline combines the visual beauty of fresh painted timber with the strength and resilience of highly advanced extrusion technologies.

Timberline Fencing Features:



DIY
Installation



Eco
Friendly



Australian
Made



Limited Lifetime
Warranty



Never Paint
Again



Graffiti
Resistant

Installation Tips - 4.1

- ✓ Install the fence on a still day as wind can make the string line move.
- ✓ Mow any grass and level fence line prior to allow for easier installation.
- ✓ For planning purposes each hole will require 0.045m³ of concrete. **Do not use rapid set concrete.** It will continue to absorb moisture, expanding inside posts and voiding the warranty. Think Fencing recommends using premixed 25mpa/10mm aggregate.
- ✓ If crimping, make sure that the crimp is facing outwards. The crimp is designed to allow you to push the rail into the post but not pull out.
- ✓ An alternative way to concrete the posts is to first put the posts into the ground, pour the concrete in, then lift and push it back into the concrete. This method also allows the concrete to travel up the post core.
- ✓ Creating a spacer jig with a piece of timber or plastic allows you to easily check the measurement between posts.
- ✓ **Keep a rasp handy to open the slots up if the rail are difficult to slide in or if the fence is on a slope.**
- ✓ Think Fencing recommends staggering the rails on the first panel of each fence run to create a stronger fence. This involves halving a rail to 2.4m and installing it as the top and bottom rail. Keep the middle rail and the remaining rails for the rest of the fence run at 4.8m.
- ✓ The fence can already accommodate a 1-degree rake. Anything larger than this will require increasing the length of the slot by rasping it out on site or have Think Fencing provide custom routed posts.
- ✓ If the fence is to be installed around a corner with an angle between 5 – 45 degree the rail slot width can be increased using a rasp to allow for a greater angle

Tools Required.

What you will need
to get the job done.



Shovel



Tape Measure



Rasp



Pre Mix Concrete
**not rapid set*



Line Marking Paint



String Line



Spirit Level



Silicone Gun/
Clear PVC glue



Safety Glasses



Rubber Mallet



Angle Grinder/
Drop Saw



Crowbar



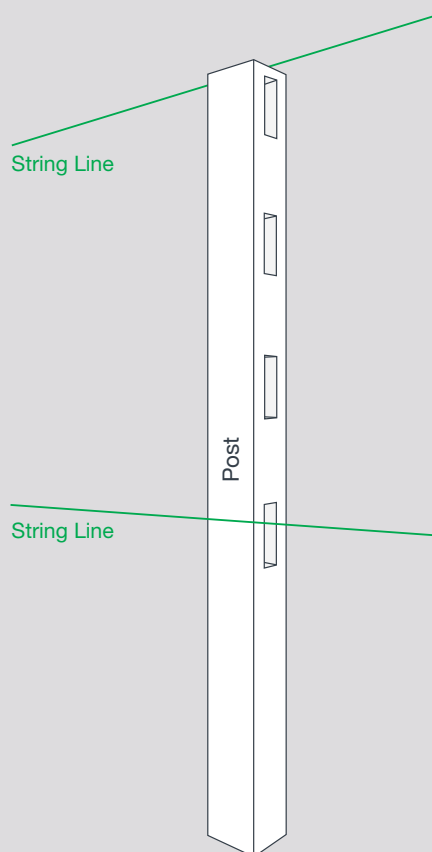
Crimper



Pencil

1

Prepare the site ensuring you don't have any significant undulations. You can then run two string lines, one along the top of the posts and one on the side of the posts.



What you will need:

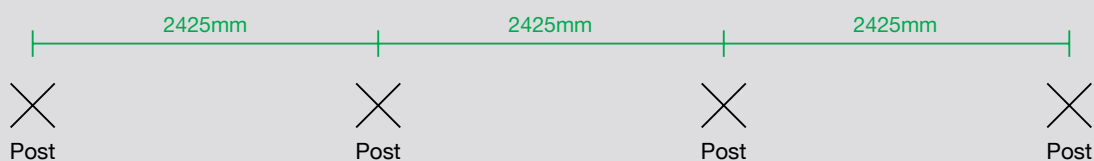


Please Note: Think Fencing recommends checking with location services or contacting dial before you dig to make sure it is safe to dig.

2

Mark your post centres as required using line marking paint. This is where you will dig the post holes.

Check for any services/obstructions that might be in the way.



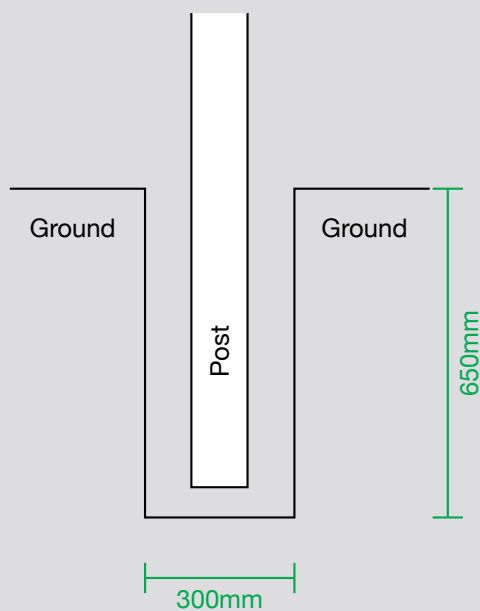
What you will need:



3

The holes must be at least 300mm wide and 650mm deep. The post needs to go into the concrete 600mm deep leaving a 50mm solid concrete foundation.

Please note: If you have sandy/loose soil, Think Fencing recommends that you increase your hole size and amount of concrete to create a bigger foundation.

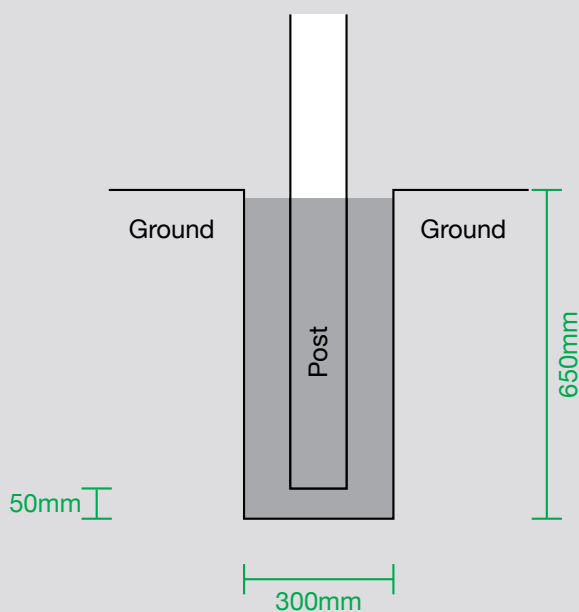


What you will need:



4

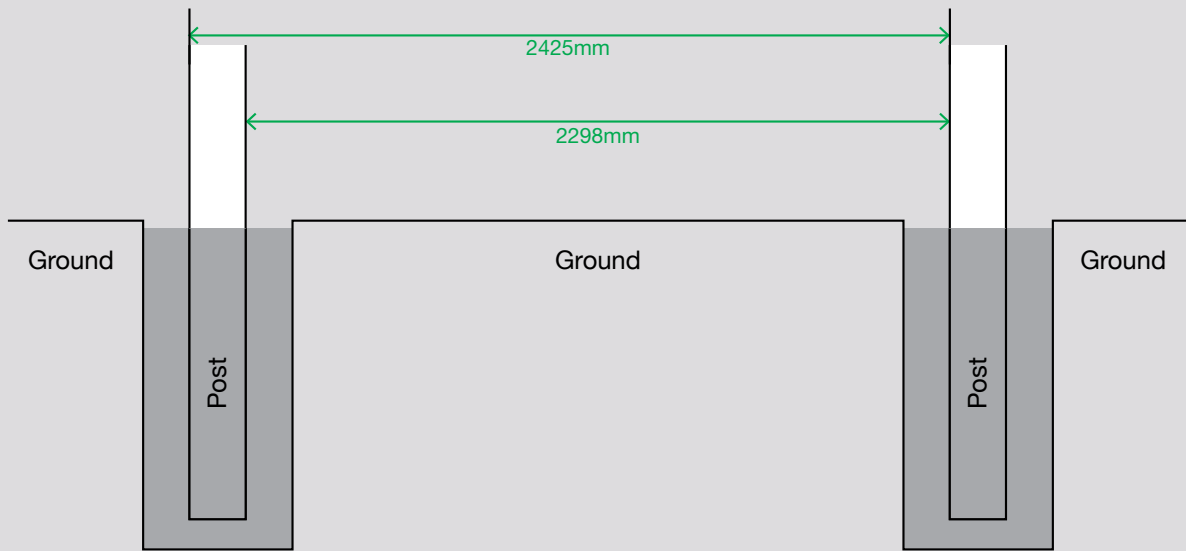
Fill the hole with wet mix concrete, then push the post into the hole allowing concrete to flow up the core of the post. Position the post using a string line and spirit level to ensure plumb. Use the rubber mallet to fine tune the post height.



What you will need:



5



Concrete the next post.

Its easier to accurately measure the post spacing from the inside edge of two posts rather than the centres.

This measurement is the centre to centre post spacing that you used to mark the holes (as specified) minus the thickness of one post.

For example: Post spacing centre to centre (2425mm) minus thickness of one post (127mm) = 2298mm

What you will need:



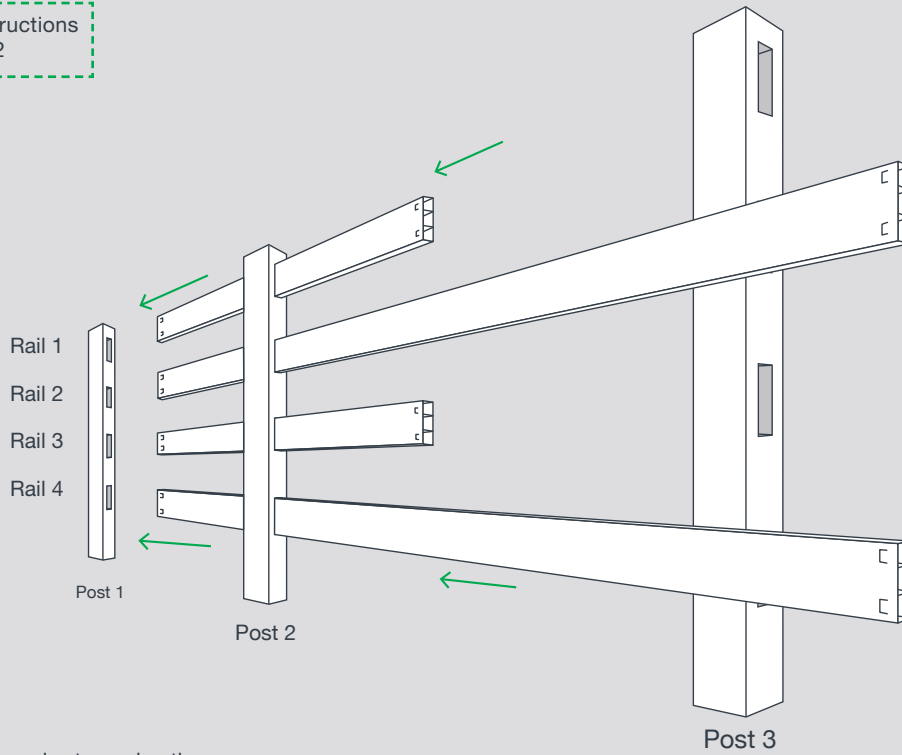
6

When shortening a rail crimp both ends of the rail twice on both sides.

What you will need:



For Crossbuck instructions
proceed to page 12

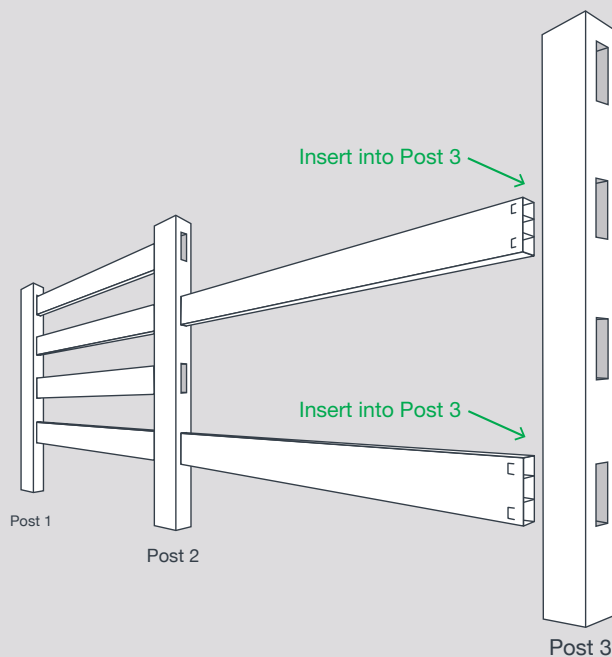


7

Think Fencing recommends staggering the rails on the first panel of each fence run to create a stronger fence.

This involves halving a rail to 2.4m and installing it as pictured above.

What you will need:



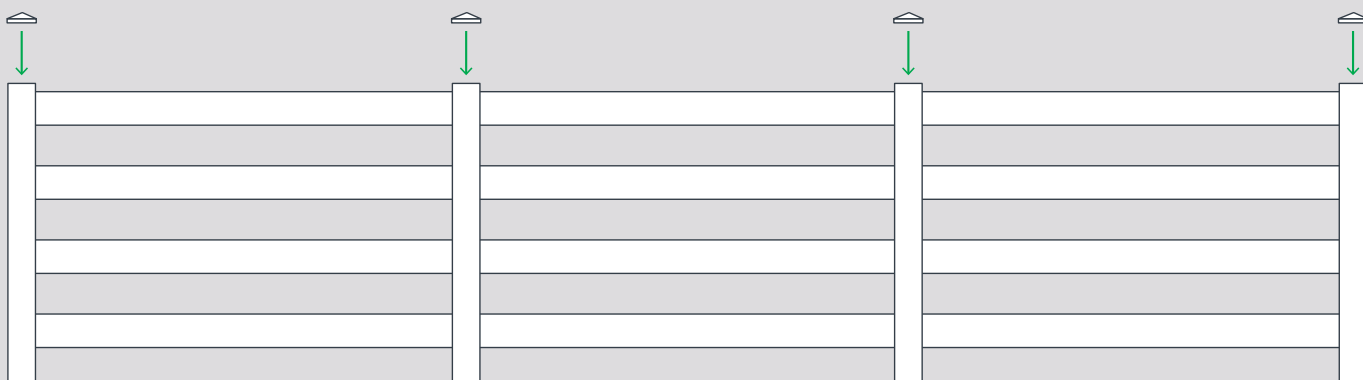
Please Note: Staggered rails will sit in the fencing as shown in the example below.

8

Slide the 4.8m rails back, most of the way into post 1. This will give the rails clearance of post 3. You can then centre the rails between posts 1 and 3.

The crimp on the rail is designed to allow you to push the rail into the post but not be able to pull it out. Repeat for all remaining rails.





9

Finish by placing the post caps on using clear silicone or clear PVC pipe glue.

Please note: be careful when applying glue, spread evenly inside the cap so no glue runs down the fence post.

What you will need:



Shortening a Panel - 10.1

- ✓ All PVC components can be cut using a drop saw or angle grinder to enable you to shorten a panel. When cutting rails to suit a shorter distance, measure the distance between posts and add 80mm.
- ✓ If using a drop saw, it is recommended to use an Aluminium cutting blade for the best cut and ensure you cut slowly through the rail so the teeth don't grab.
- ✓ If rails need to be cut to shorten a panel, you may lose the crimp to lock it into the post. A crimping tool can be hired through Think Fencing to create a new crimp.

Electrifying - 10.2

- ✓ We recommend adding an additional stand off electric fence if keeping horses or livestock behind the fence.
- ✓ Think Fencing can drill holes in the fence to allow an electric tape to be thread through. Alternatively an electric fence stand off can be screwed into the post.
- ✓ Think Fencing does not provide electric fence components. These can be purchased at your local rural/hardware store or online from Hello Fencing.

Installing Mesh - 10.3

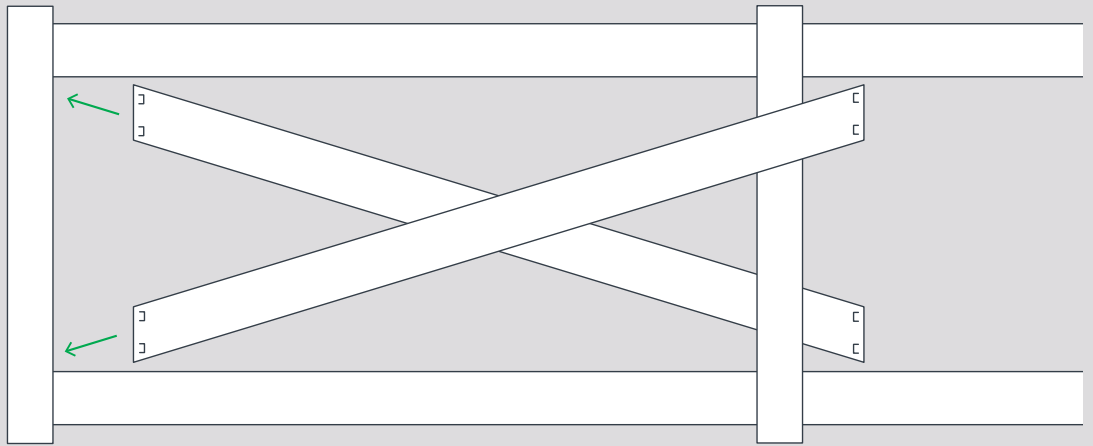
- ✓ You will need to construct an end assembly to tension the high tensile wires to. Think Fencing can supply end assemblies.
- ✓ Thread three high tensile wires through drilled holes in the post and clip the mesh to the high tensile wire. Think Fencing can drill the holes for you if required.
- ✓ Think Fencing does not provide mesh, high tensile wire or clips. These can be purchased at your local rural or hardware store.



Timberline x3 Rail – White

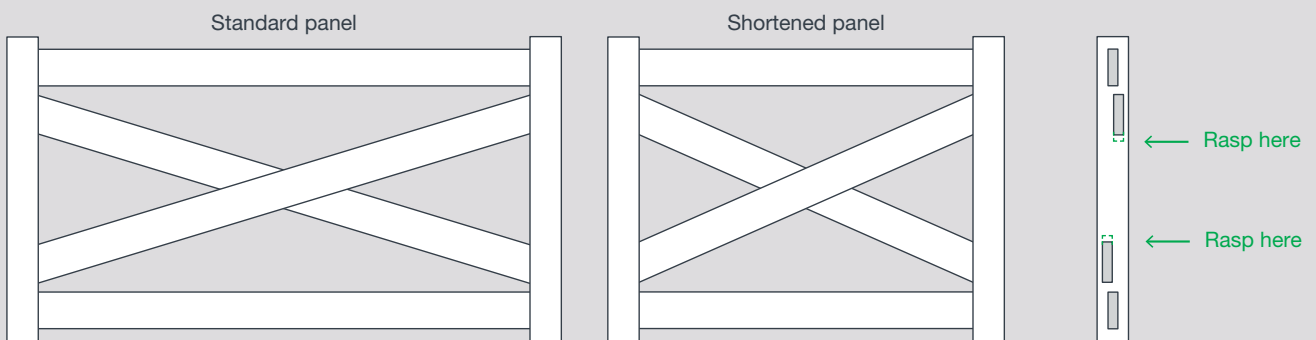
Installing Crossbuck.

1



Once the top rails have been inserted, crimp the cross rails and insert one at a time.

What you will need:



2

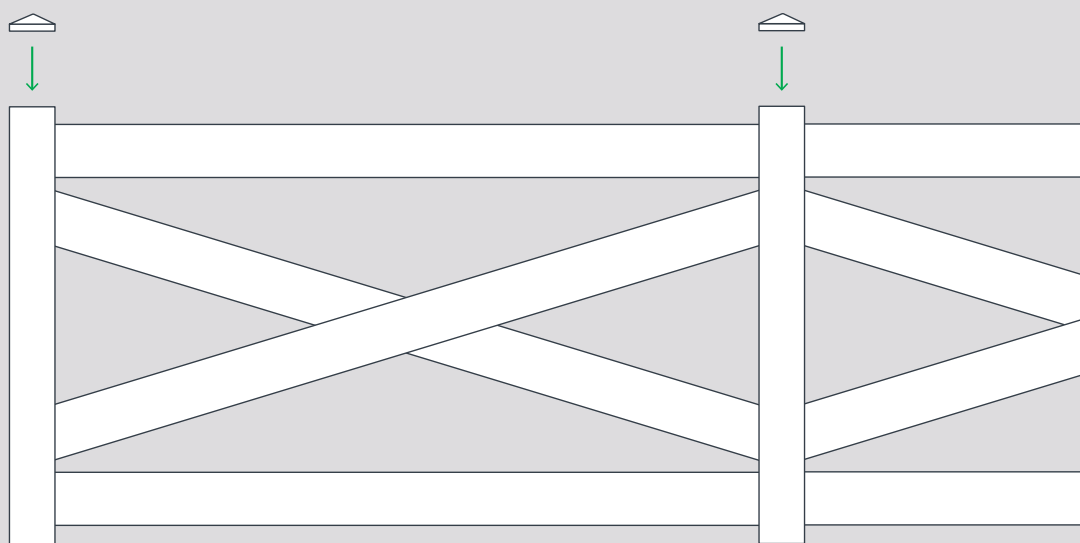
If shortening a panel be mindful that this will change the angles of the crossing rails.

The cut-outs for the crossing rails will need to be lengthened at the bottom of the top cut-outs and top of the bottom cut-outs.

What you will need:



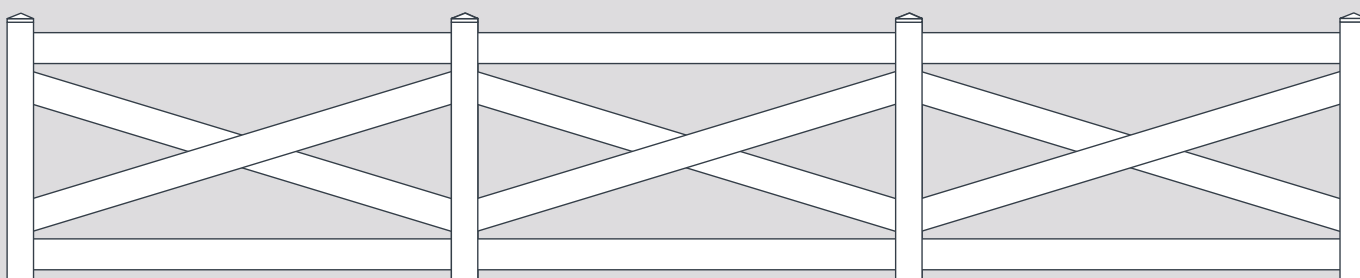
3



Finish by placing the post caps on using clear silicone or clear PVC pipe glue.

Please note: be careful when applying glue, spread evenly inside the cap so no glue runs down the fence post.

What you will need:







Timberline x3 Rail – Woodgrain Pine



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