



RUTLAND COUNTY
GARDEN FURNITURE

Hand-Crafted

ASSEMBLY INSTRUCTIONS

RUTLAND WALL MOUNTED DOUBLE GARDEN PERGOLA

Before you commence the assembly process, we recommend that you read these instructions thoroughly beforehand to familiarise yourself with the assembly process and to also check that you have the correct components. If for any reason you need assistance, you can find our contact details on the final page of these instructions.

We strongly recommend that any assembly is carried out on an open flat, level surface if possible and with sufficient space. You will also require the assistance of at least 2 adults to complete assembly safely.

If for any reason you don't feel confident in completing this project, we would recommend consulting a qualified professional to undertake the work.

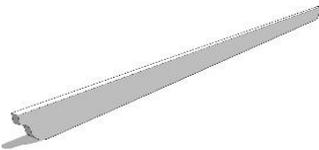
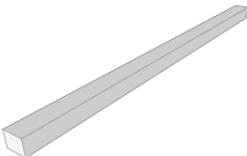
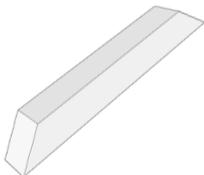
Tools required:

10mm socket, No2 Pozidriv screwdriver (or electric driver), step ladder or platform.



THE RUTLAND WALL MOUNTED DOUBLE GARDEN PERGOLA

RUTLAND WALL MOUNTED DOUBLE GARDEN PERGOLA

70mm woodscrews	60mm woodscrews (optional)	70mm coachscrews	120mm coachscrews
			
Runner/ Wall plate – One piece – Sculpted ends	Runner/ Wall plate – Split – One square end	Rafters	Pre-drilled end Rafters
			
Posts	650mm braces	750mm braces	Cladding panels (optional)
			

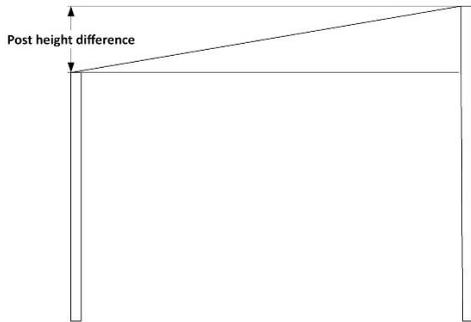
The assembly steps that follow are divided into 2 sections. The first section (Page 3) covers the assembly of a **one piece runner** pergola, the second section (Page 9) a **split runner/wall plate post pergola**.

6 post pergolas 4.2 and 4.8M in length are **one piece runner**. All pergolas 5.4M in length and above are **split runner/wall plate**.

IMPORTANT: The distance from ground level to the top edge of the wall plate must match the height of your post tops above ground level – bear this in mind if you are shortening the posts or sinking them in.

RUTLAND WALL MOUNTED DOUBLE GARDEN PERGOLA

If you have ordered your pergola with a roof slope please refer to the charts below for guidance of the difference in length that you will need to cut your posts to accommodate the slope.



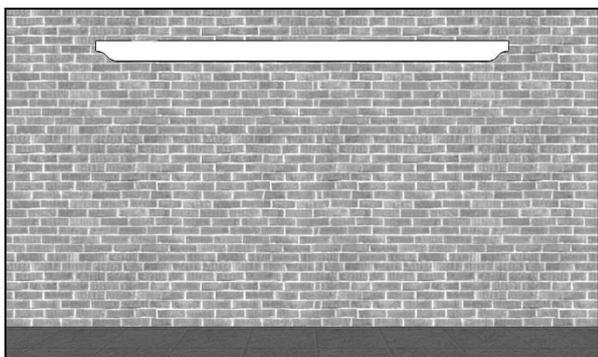
5°	
Rafter length (M)	Height diff (mm)
1.8	89
2.4	142
3	194
3.6	246
4.2	299
4.8	351

10°	
Rafter length (M)	Height diff (mm)
1.8	178
2.4	282
3	386
3.6	491
4.2	595
4.8	699

RUTLAND WALL MOUNTED DOUBLE GARDEN PERGOLA

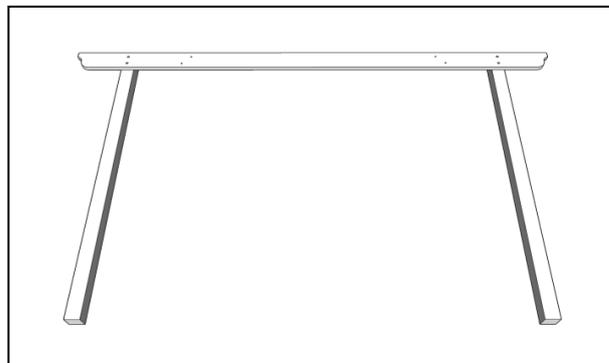
ONE PIECE RUNNER VERSION

Step 1



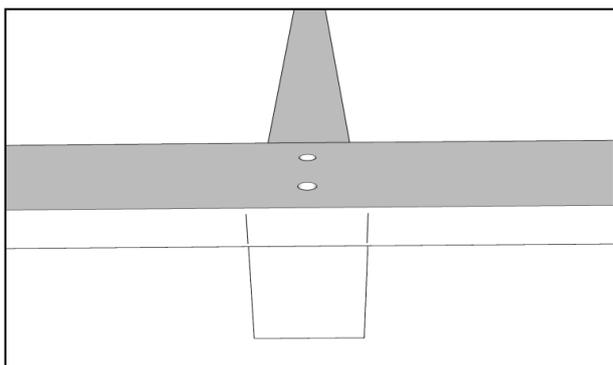
Work out where you wish to affix your wall plate, making sure that the area directly in front of it is flat, level and able to support the structure. Also check that the longer edge is at the top. Attach the wall plate using suitable fixings for the wall construction. Measure in 400mm from each end and use sufficient fixings so that the minimum distance between them is 500mm, distributed evenly and vertically centred across the wall. Ensure it is horizontal with a laser or spirit level.

Step 2



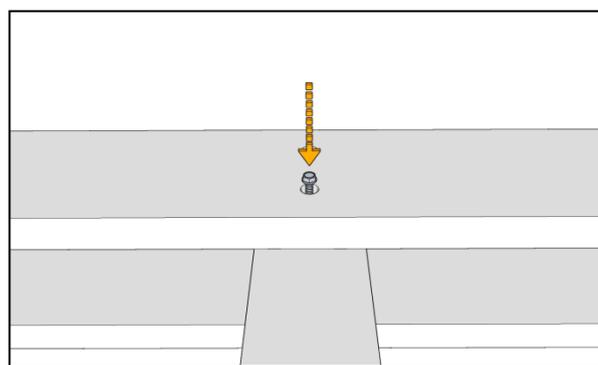
Begin by placing two of the posts on a flat surface as shown and then placing one of the runners, countersinks uppermost, on top of the posts.

Step 3



Align the top of the post with the lines marked on the top face of the runner and ensure it is also flush with the top edge of the runner and perpendicular to it.

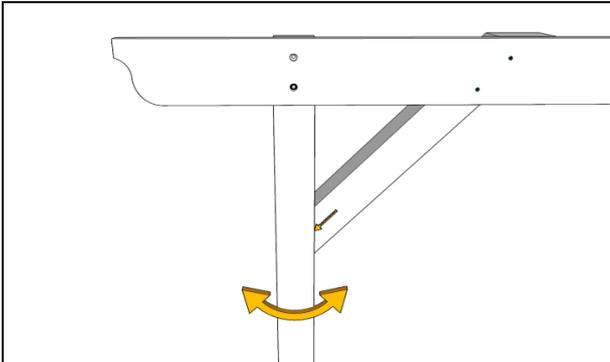
Step 4



Now insert a 70mm coachscrew into one of the holes in the runner and drive it into the post using a socket and ratchet or driver until almost fully home.

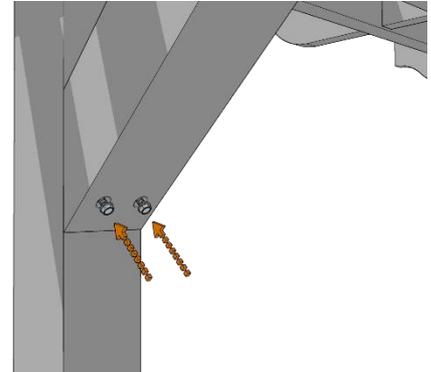
RUTLAND WALL MOUNTED DOUBLE GARDEN PERGOLA

Step 5



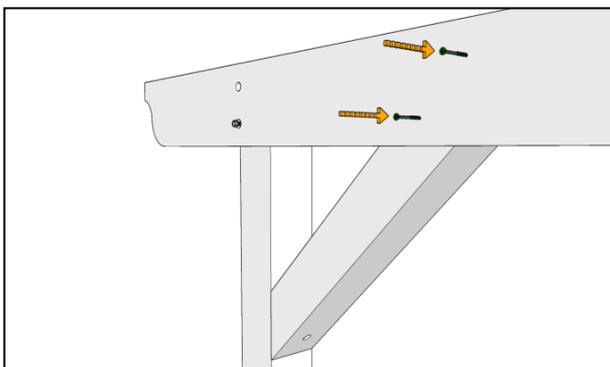
Position one of the 650mm braces against the side of the post as shown with the bolt countersink adjacent to the post. Check that the top edge of the brace is flush with the top edge of the runner and that the lower face is flat against the post. If necessary, alter the position of the post to achieve this by pivoting it on the bolt inserted in the previous step.

Step 6



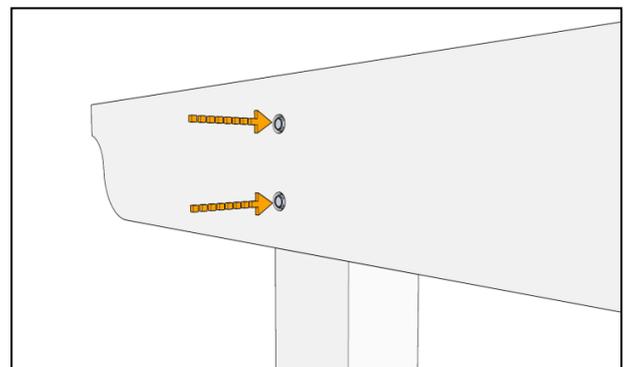
Once the brace is in position insert a pair of 70mm coachscrews and fix it to the post by driving fully home with the socket.

Step 7



Now secure the other end of the brace to the runner with 2 x 70mm woodscrews.

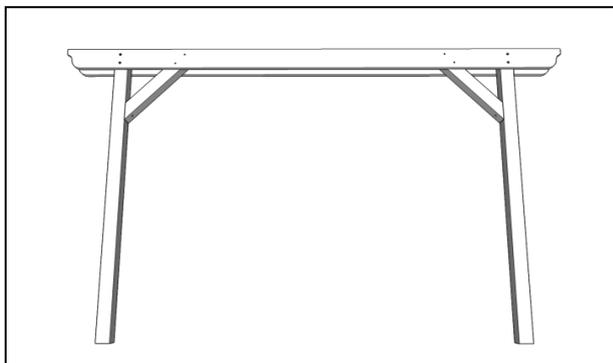
Step 8



Insert a second 70mm coachscrew into the hole in the runner and drive both coachscrews fully home. Repeat the previous steps and attach the second post to the runner.

RUTLAND WALL MOUNTED DOUBLE GARDEN PERGOLA

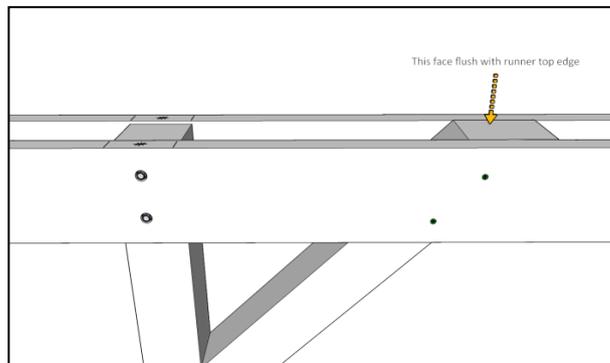
Step 9



Take the completed assembly and turn it over to commence fitment of the second runner.

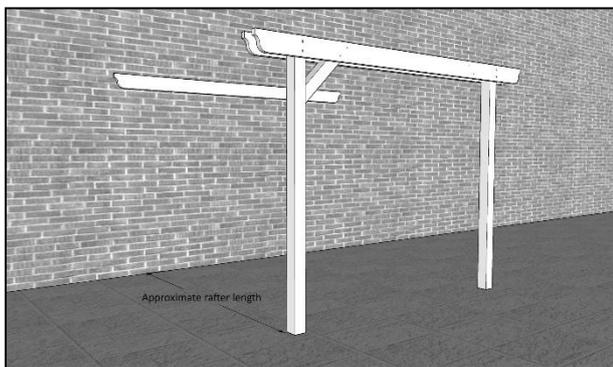
IMPORTANT NOTE - on the top face of the runner you will find one end marked with a star - these should always be placed at the same end of the assembly.

Step 10



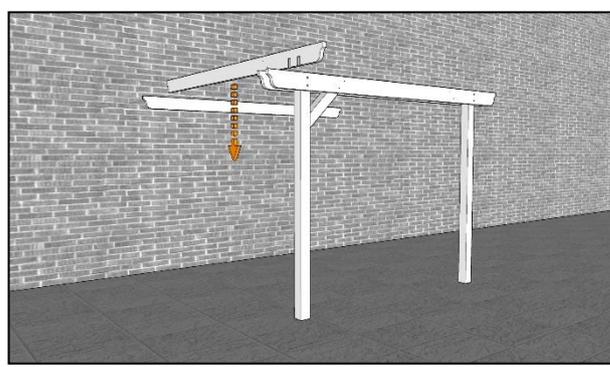
Place the next runner as you did before, carefully aligning it before attaching to the post and brace as before.

Step 11



Using your assistants, lift the frame assembly into the vertical position, aligned with the runner and approximately the length of a rafter from the wall.

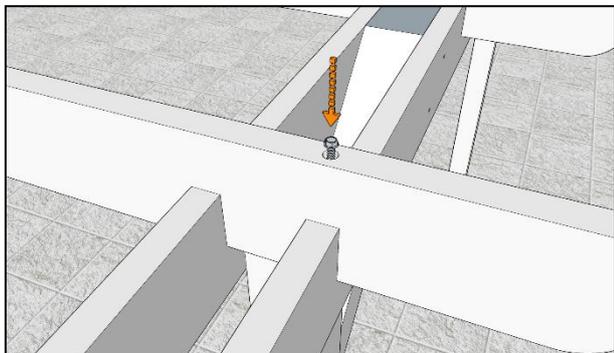
Step 12



Now lift the first pre-drilled rafter into place, slotting it into the outermost section of the runner assembly (if the joint is tight use a mallet or hammer with wood block to gently tap the rafter into place)...

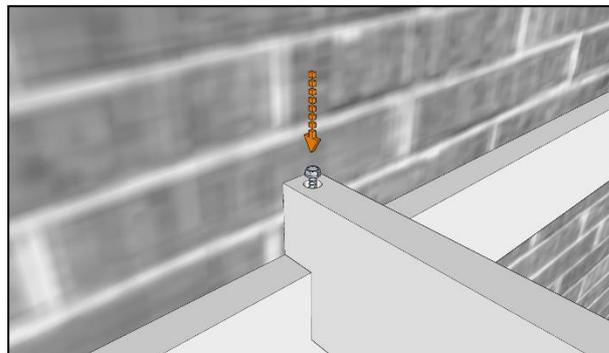
RUTLAND WALL MOUNTED DOUBLE GARDEN PERGOLA

Step 13



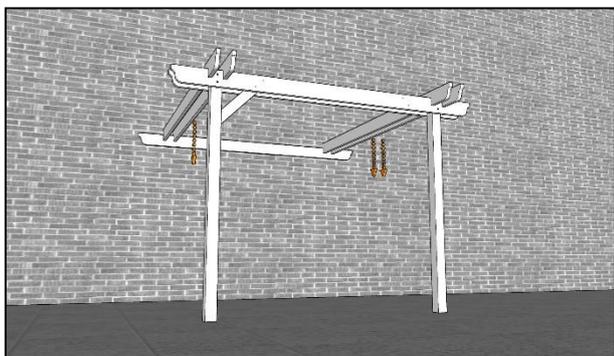
...and fix to the into the runner using a 120mm coachscrew.

Step 14



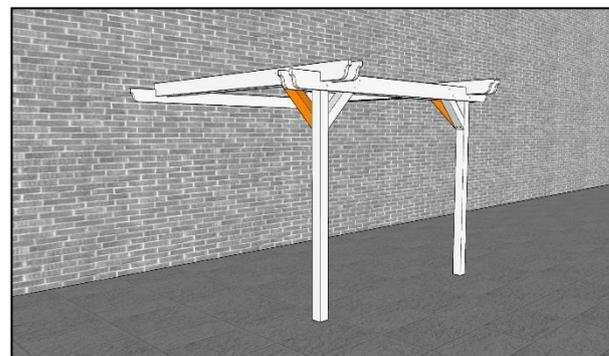
Align the wall end of the runner with the corresponding pencil marks on the Wall plate before fixing into place with a 120mm coachscrew.

Step 15



Now insert the remaining pre-drilled rafters, starting with the outer rafter of the other post, fixing them in place with 120mm coachscrews as before.

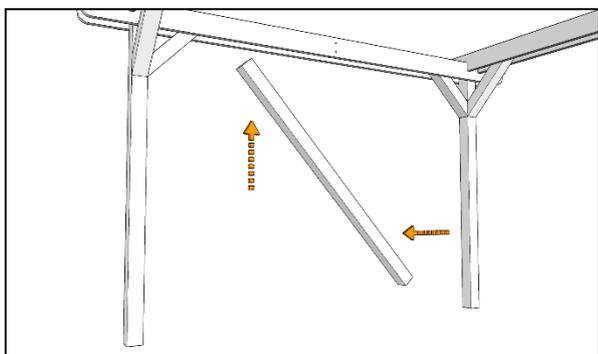
Step 16



Add the 750mm braces, ensuring they are flush with the post edge and rafter tops, then secure each one into place with 2 x 70mm coachscrews and 4 x 75mm screws.

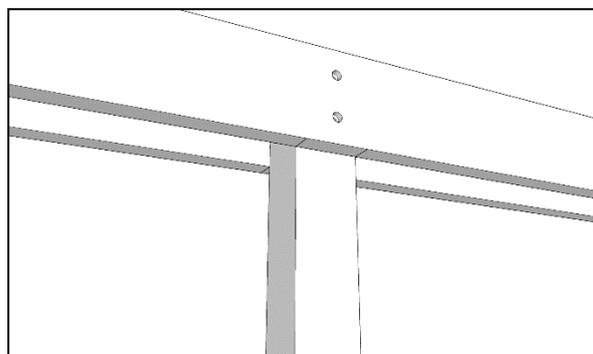
RUTLAND WALL MOUNTED DOUBLE GARDEN PERGOLA

Step 17



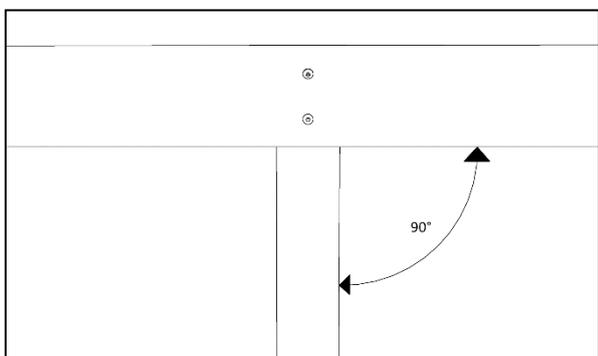
If you are building a 3-post version take the intermediate post and manoeuvre it into position by sliding it between the runners as shown...

Step 18



...lining it up with the markings on the runners as indicated.

Step 19



Use a spirit level to make sure the post is vertical and at 90 ° to the runner before fixing into place with 2 coachscrews through each runner.

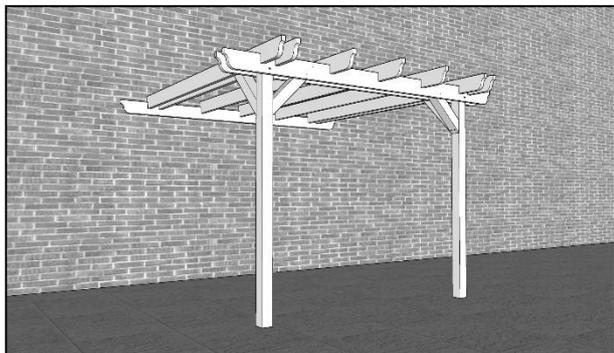
Step 20



Drop the remaining rafters into place and secure in the same manner as before with a 120mm coachscrew at each end.

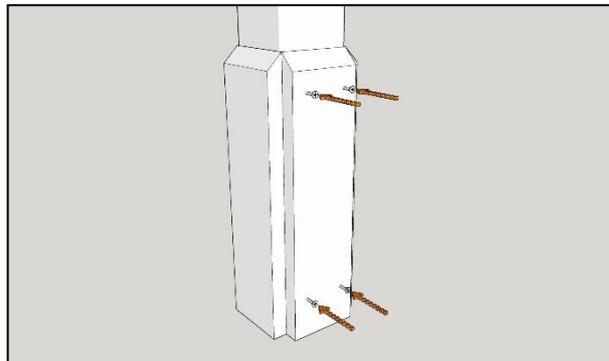
RUTLAND WALL MOUNTED DOUBLE GARDEN PERGOLA

Step 21



Your Wall Mounted Double Garden Pergola is now complete.

Step 22



To attach cladding panels simply align as shown at the base of the post before screwing into place using 4 x 60mm woodscrews through the pre-drilled holes per panel. Repeat for each face of the post.

RUTLAND WALL MOUNTED DOUBLE GARDEN PERGOLA

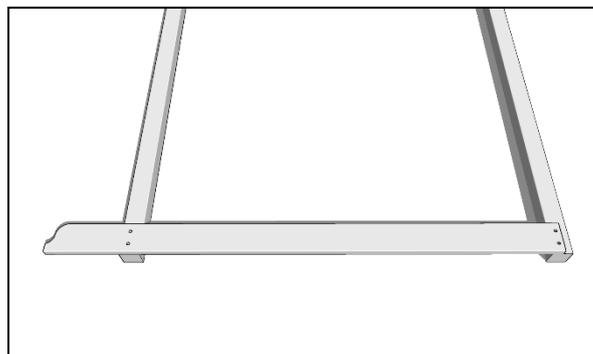
SPLIT RUNNER/WALL PLATE VERSION

Step 23



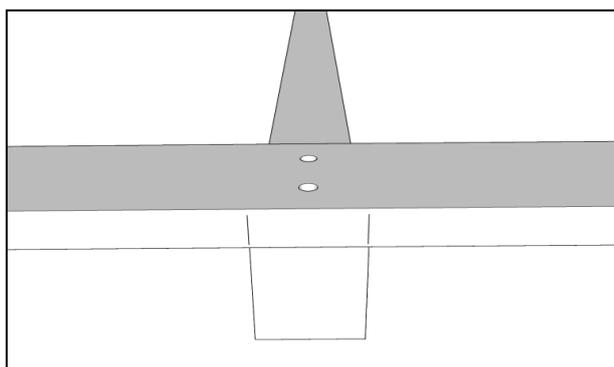
Work out where you wish to affix your wall plate, making sure that the area directly in front of it is flat, level and able to support the structure. Also check that the longer edge is at the top. Attach the wall plate using suitable fixings for the wall construction. Measure in 400mm from each end and use sufficient fixings so that the minimum distance between them is 500mm, distributed evenly and vertically centred across the wall. Ensure it is horizontal with a laser or spirit level.

Step 24



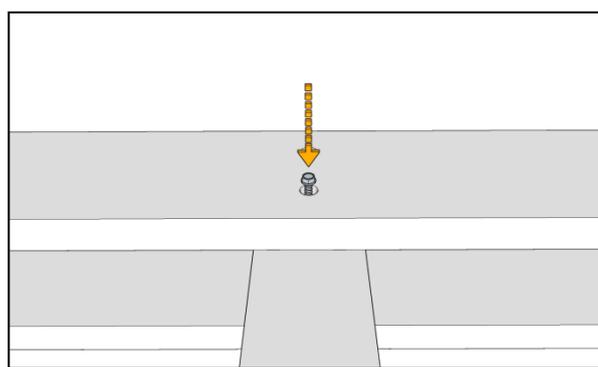
Begin by placing two of the posts on a flat surface as shown and then placing one of the runners, countersinks uppermost, on top of the posts.

Step 25



Align the top of the post with the lines marked on the top face of the runner at the sculpted end and ensure it is also flush with the top edge of the runner and perpendicular to it.

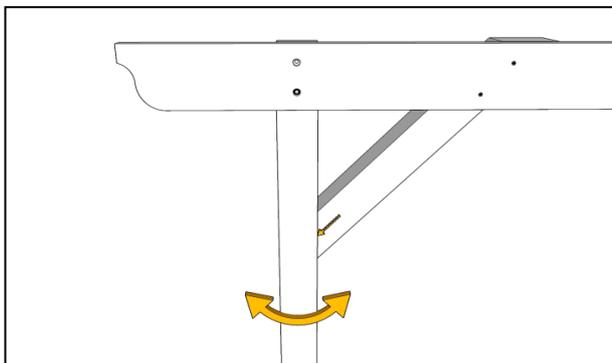
Step 26



Now insert a 70mm coachscrew into one of the holes in the runner and drive it into the post using a socket and ratchet or driver until almost fully home.

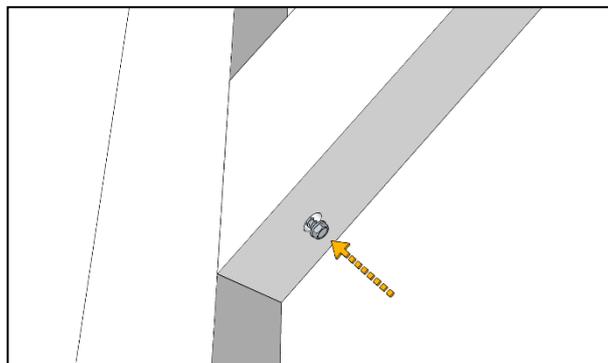
RUTLAND WALL MOUNTED DOUBLE GARDEN PERGOLA

Step 27



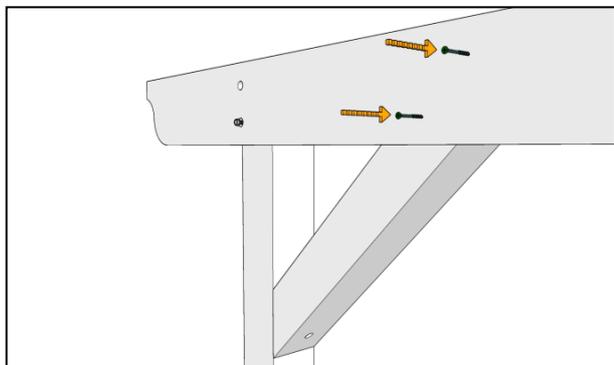
Position one of the 650mm braces against the side of the post as shown with the bolt countersink adjacent to the post. Check that the top edge of the brace is flush with the top edge of the runner and that the lower face is flat against the post. If necessary, alter the position of the post to achieve this by pivoting it on the bolt inserted in the previous step.

Step 28



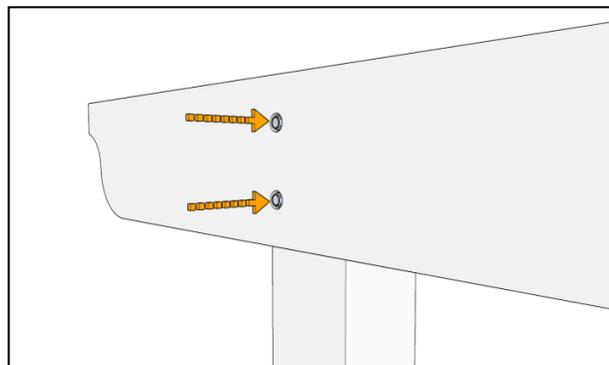
Once the brace is in position insert a 70mm coachscrew and fix it to the post by driving fully home with the socket.

Step 29



Now secure the other end of the brace to the runner with 2 x 70mm woodscrews.

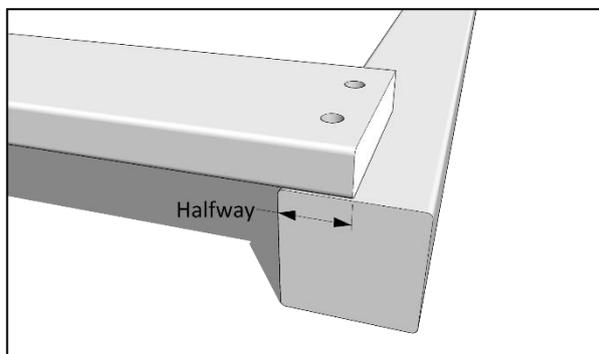
Step 30



Insert a second 70mm coachscrew into the hole in the runner and drive both coachscrews fully home.

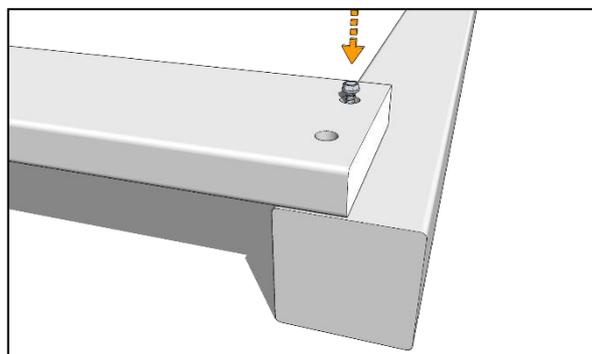
RUTLAND WALL MOUNTED DOUBLE GARDEN PERGOLA

Step 31



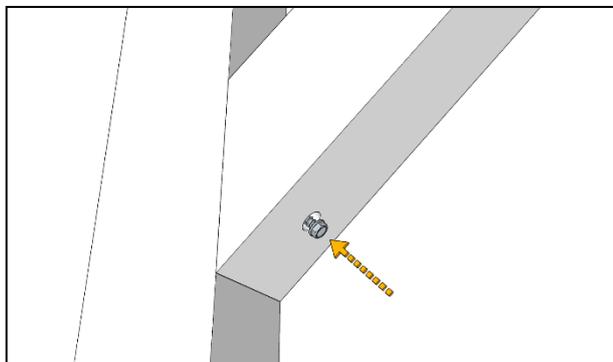
Line up the post at the other end of the runner so that the top is flush with the top edge of the runner and perpendicular to it. Ensure the post is halfway across the face of the post (approximately 46mm).

Step 32



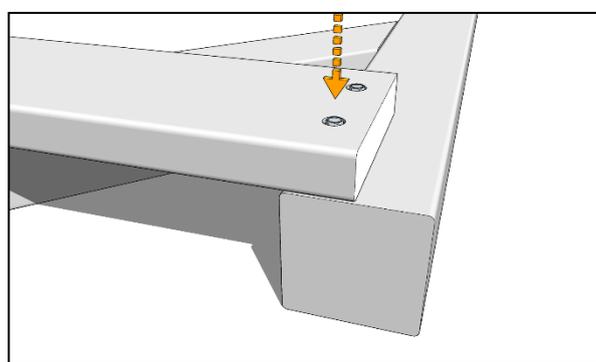
Make sure everything looks square and fix the post in place with a 70mm coachscrew into one of the holes in the runner and drive it into the post using a socket and ratchet or driver until almost fully home.

Step 33



Use the same procedure as outlined in Steps 27-29 to affix a 650mm brace to this end of the assembly.

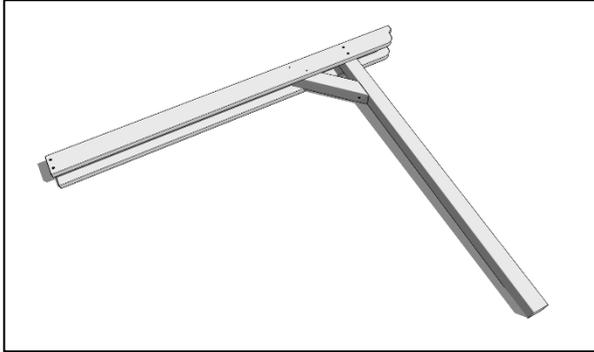
Step 34



With the brace now attached, add a second 70mm coachscrew into the post and fully tighten both coachscrews to complete the "Goalpost" assembly.

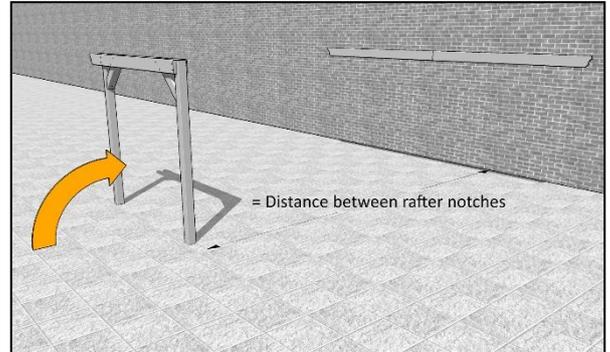
RUTLAND WALL MOUNTED DOUBLE GARDEN PERGOLA

Step 35



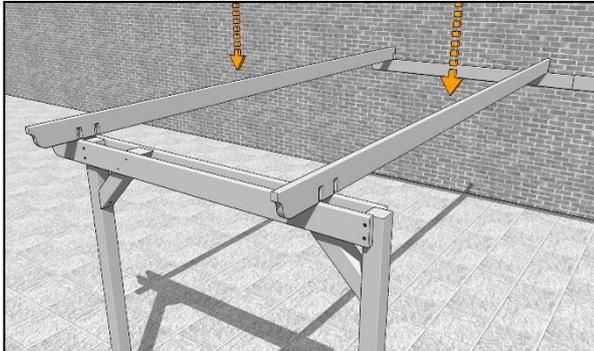
Using the procedures outlined in Steps 25-30 complete a second partial "Goalpost".

Step 36



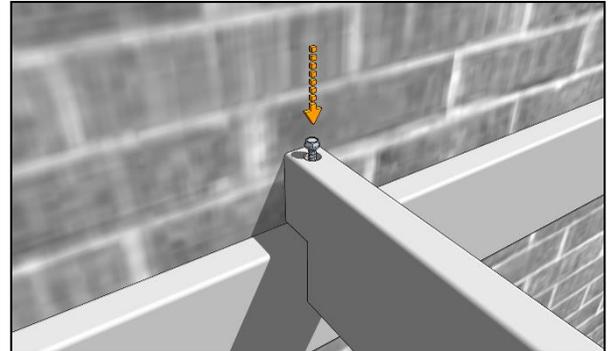
Get your assistants to manoeuvre the previously assembled "goalpost" assembly into place so that it is approximately in place, parallel to and about the length of a rafter away from the wall plate before raising it up into the vertical position.

Step 37



Lower the outer rafter so that it is slotted over the runners and wall plate, as close to the post as possible and slot another rafter onto the runners/wallplate at the marks on top of the timbers closest to the central posts as shown above.

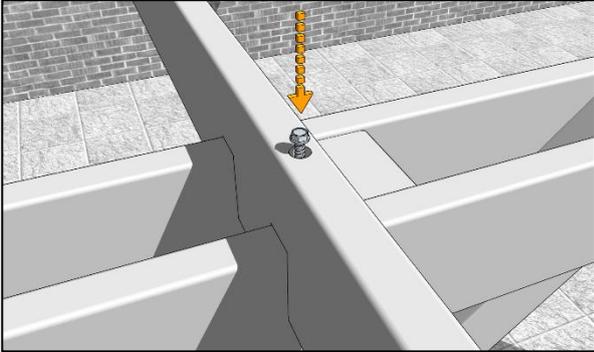
Step 38



Make sure everything looks square and the outer rafter is aligned with the marks on the wall plate and fully slotted in place before securing into place with a 120mm coachscrew driven down through the rafter into the wall plate.

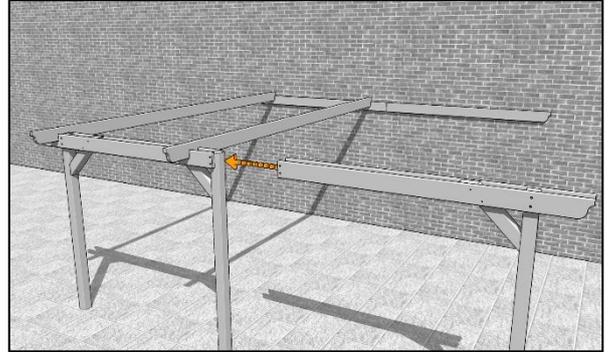
RUTLAND WALL MOUNTED DOUBLE GARDEN PERGOLA

Step 39



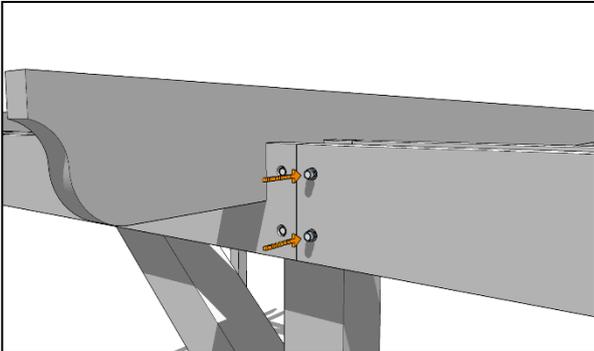
Then secure the other end to the outermost runner using another 120mm coachscrew. Secure the other rafter, using the marks provided, before proceeding to step 36.

Step 40



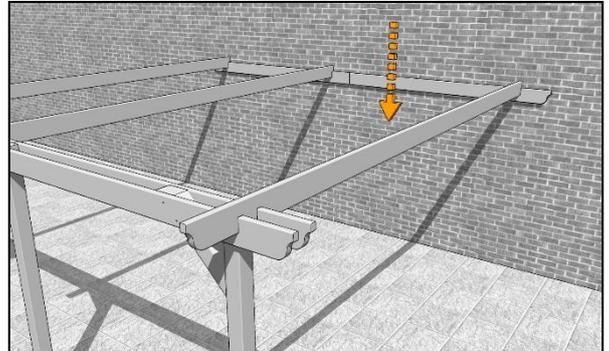
Take the completed partial "Goalpost" assembly from Step 35 and slide the runner ends fully home onto the central post as shown...

Step 41



...before securing each runner with a pair of 70 coachscrews into the post...

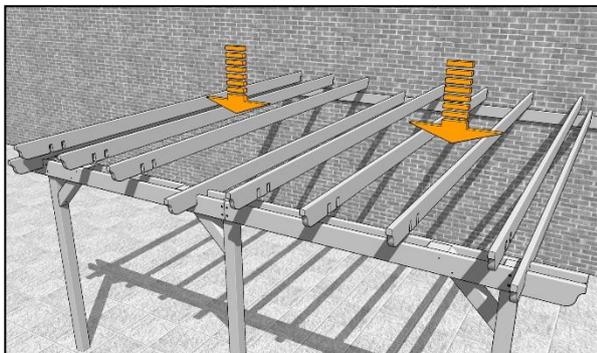
Step 42



Now lower another rafter onto this end of the assembly, adjusting the post position if necessary, and once butted up to the outer face of the post and aligned on the wall plate marking, secure in place with a 120mm coachscrew at each end in the same way as you did for Steps 38 & 39.

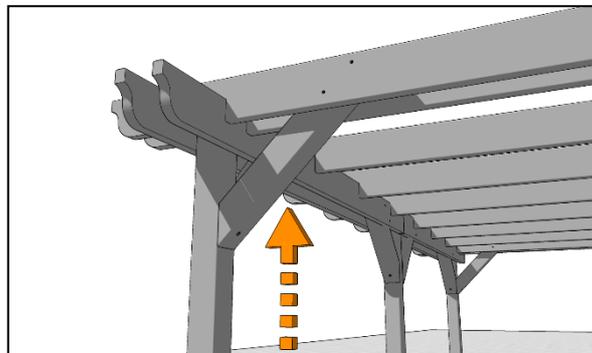
RUTLAND WALL MOUNTED DOUBLE GARDEN PERGOLA

Step 43



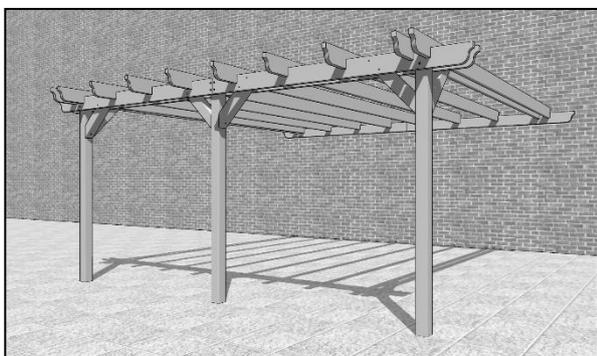
Add the remaining rafters using the markings on the runners and wall plate as a guide, securing each one in place with a 120mm coachscrew down through each end, into the runner and wall plate.

44



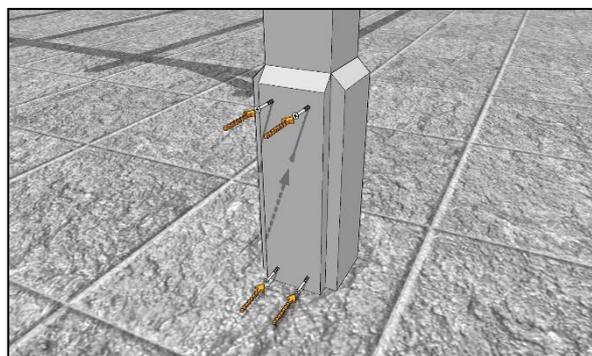
Fix the remaining braces in place to the centre and corner posts by sliding the brace up between the timbers and fixing each one in place with a 70mm coachscrew at the bottom and 2 x 70 woodscrews at the top.

Step 45



Your pergola is now complete.

Optional



If you are fitting cladding panels, line up each panel as shown, ensuring that it is vertical and the edges align with the post before secure each panel in place with a 60mm wood screw in each corner. Attach to each face of the post or as necessary.

WE HOPE THAT YOU FOUND YOUR PRODUCT QUICK AND EASY TO ASSEMBLE BUT IF NOT AND YOU REQUIRE ANY FURTHER ASSISTANCE OR HAVE ANY QUESTIONS YOU CAN CONTACT US BY TELEPHONE ON: 01778 440803

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