SERENITY WOOD WALL-MOUNTED PERGOLA ASSEMBLY MANUAL

Shown above is a 12' x 13' Serenity Cedar Wall-Mounted Pergola

Components:
Post – Minimum of 2, may be more for larger structures
Post brackets (if surface mounting) – 1 per post
Post base trim – 1 per post
Beams – preassembled for you and connected to the half-moon corner braces
Runners – Runners vary by size, spaced appx 16" on center
Top runners – Number varies by size. Standard spacing is 16".
Corner Braces – 1 per post. If you have additional posts, there will be additional braces as well.
Hardware:
See the parts list that comes with your pergola for quantities on each component. Kit includes a #2 square head bit for use with screws provided.
Tools needed:
Ladder, Level, Tape measure, square, screw gun. If attaching to concrete, an impact drill may be needed for drilling into slab. 1/2" masonry bit

1 Measure the post, then measure the same height on installation wall and mark it off.

2 See the 2 2 × 6's. Mounting board and Ledger board. Mounting board gets installed first.

3 Align mark with top of mounting board. Fasten to wall with hardware (not included in kit.)

4 Fasten ledger board to mounting board with 2 2.5" screws every 16 inches.

5 Slide bottom post base on bottom of post.

6 Fasten header beam to post with 5 2.5" screws on each side of beam. Once completed, put in place, measuring from the wall out should be the size of your pergola.

7 Fasten header beam to ledger and mounting boards with 2 3.5" screws.

8 Fasten header beam to post with 5 2.5" screws. Make sure header beam is flush on top of post.

9 Install the 3 6" GRK screws.

10 Installing top plate. See the plates in picture on left. The plate with the 45-degree cut on both ends gets installed parallel to the house. The plate with the straight cut one one side comes out from the house.

Even it out so seams align on top of post. Make sure overhang is the same on both sides.

11 Fasten top plate to posts at corners with 4 3.5" screws.

12 See top ledger plate. Place that on top of mounting and ledger.

13 Evenly space the overhangs. Fasten to the header beam with 2 2.5" screws. Fasten top ledger plate with 2 2.5" screws every 16 inches. Finish fastening plates to beams with 2 2.5" screws every 16 inches.

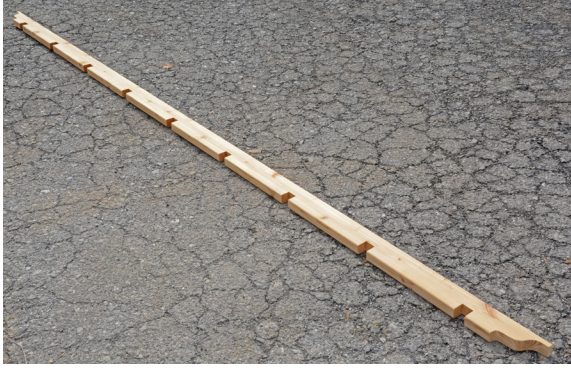**14** Fasten bottom ledger plate to ledger and mounting with 2.5" screws every 16 inches.

15 You are now ready to install the 2 × 6 runners.

16 Place them on top of plates – align with pencil marks, fasten with 1 2.5" screw on front and back of pergola. Once all runners are in place, add 1 more 2.5" screw per runner on inside of header. (Not pictured)

17 You are now ready to install the top runners.

18 Align each of the top runners over the markings on the main runners. It is best to work from one side of the pergola to the next to make sure any bows in the runners are worked out. Attach the top runners into the main runners using 3.5" screws from the top through the pre-drilled holes, until all the top runners are in place.

19 Level the posts on both sides. Fasten the black plates to the posts with 5 2.5" screws catty-corner on the posts as shown.

20 Use masonry drill, drill appx. 5" deep.

21 Before inserting the bolt, make sure you have the nut and washer on (otherwise you may hit the bolt too deep into the hole.) Insert the wedge anchor bolts into the holes, leaving about 1/8" of bolt exposed above the nut. (You may need to use a hammer to tap the wedge anchor bolts into the holes.)

Once completed, slide post base back to bottom.