

## Vinyl Inline Pergola



Pictured: 3 × 8 Vinyl Inline Pergola

### Components:

Post – 2

Beams – The beams sandwich the top of the posts. There is one 2 × 8 on each side of the post

Runners – Number varies by size, spaced appx 16" on center

Top runners – 1 × 1's – number varies by size, spacing is 12"

Corner Braces – 1 per post.

### Hardware:

See the parts list that comes with your pergola for quantities on each component.

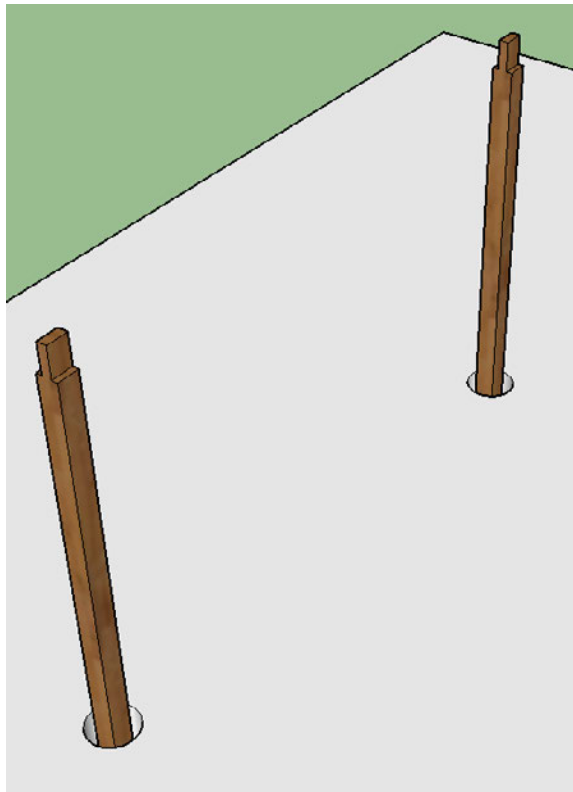
Kit includes a #2 square head bit for use with screws provided.

## Layout

Pergolas are designed to be set two feet in the ground, with sent posts being 10' long. Wooden Posts can be concreted into the ground or you can finish the entire pergola and then pour concrete after it is built. This is generally best to do on smaller models.

**1** Layout the locations of the posts. The named size of the pergola – for example a 3' x 12' means the outer edges of the posts are 12'. You can dig holes that are centered 6" less than the named size of the pergola (in this case 11'6"). The minimum diameter for the holes is 12" for best results.

**2** After holes have been dug, set the posts in each. Make sure that the notches in the tops of the posts are aligned. Also you need to make sure that the tops of the posts are level, and the posts are plumb. You can attach scrap lumber to the wood posts to hold them in place. Also make sure that the top of the posts are the same distance apart as they are at the bottom.



**3** If you plan to concrete the wood posts before building the pergola, this is very important because you will not be able to move the posts after the concrete is set up.

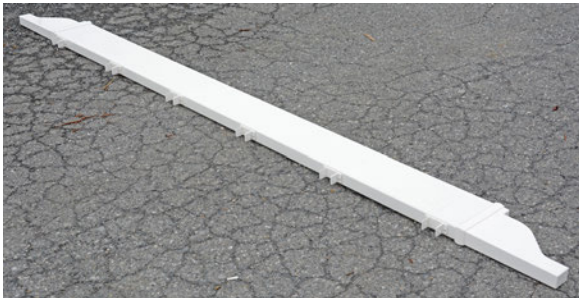
If you are planning on building the pergola before pouring the concrete, you will need to make sure that the post locations are close. You will be able to plumb the posts once the pergola is done before pouring the concrete.

You can add gravel or loose dirt to keep the posts plumb as well, but will need to remove it later.



**4** Install 5 × 5 vinyl sleeve over wood posts. See top of post. Make sure notches are aligned with sleeve notches.

Note: Vinyl sleeves are 2" shorter than the wood posts.



**5** Once posts are mounted (surface or buried in ground), you are ready to install your 2 × 8 headers.



**6** See pencil mark on inside of header. Make sure the marks are on the outside of posts.



**7** Fasten 2 × 8 header with 2 4.25" whitehead screws. Fasten to the other header the same way.





- 8** Place 2 × 6 runners on top of headers, sitting them inside the U-clips. Space evenly on both sides.



- 9** Fasten 2 × 6 runners with 2 1.5" pan head screw per header.



**10** Install top runners. Place at marks shown on top of 2 × 6's. Fasten with 2.5" white head screw per runner.



**11** Install the braces until the pencil mark on the brace is flush with the bottom of header. Fasten with 2 6" black screws to post.





**12** Fasten header to brace with 2 4.25" white head screws on both sides.



**13** Install white caps as shown.



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Your pergola is now complete. If you have completed the pergola and will now be pouring the concrete, you need to make sure that posts are plumb. Prop up with supports, wood 2" x 4" etc. Keep props in place until the concrete is set up.

