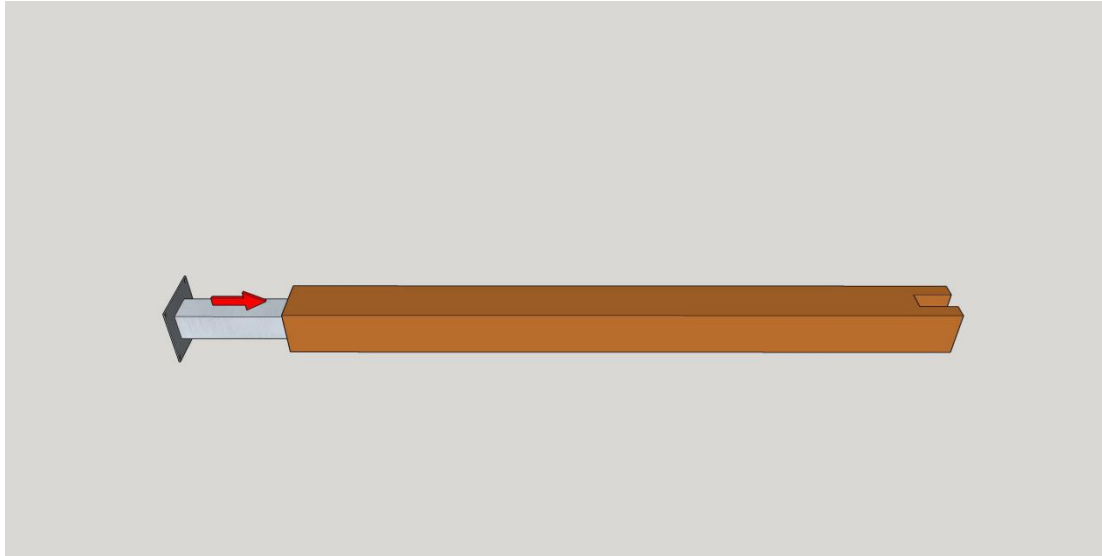
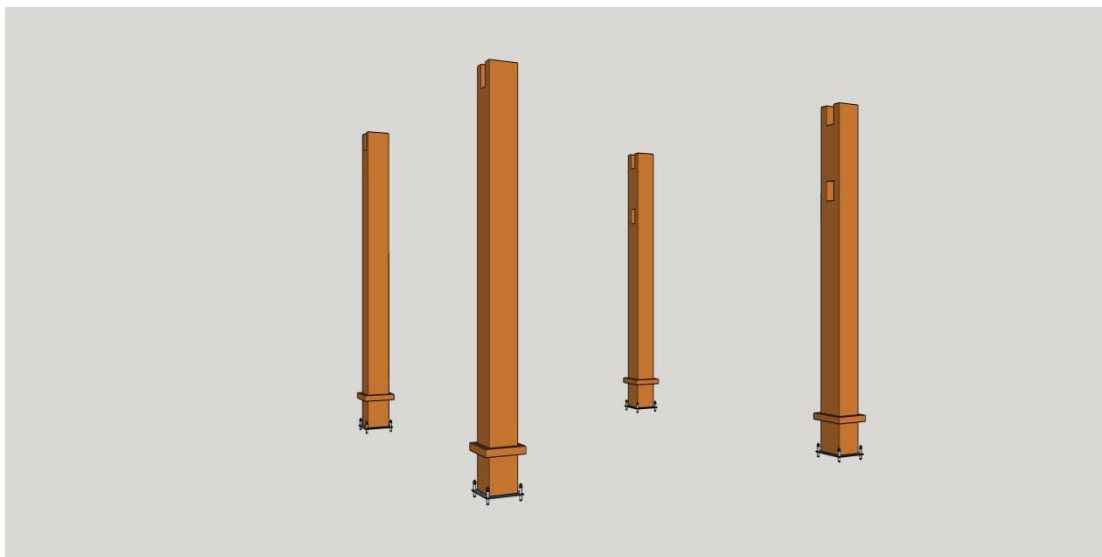


WPC Pergola Installation Guide

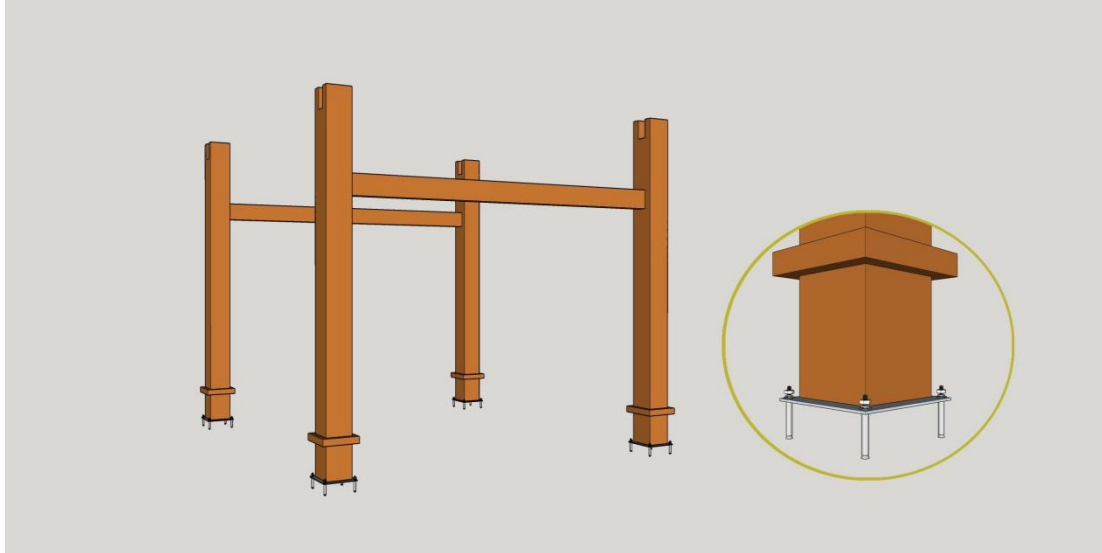
1. Insert the base support of post into the WPC post.



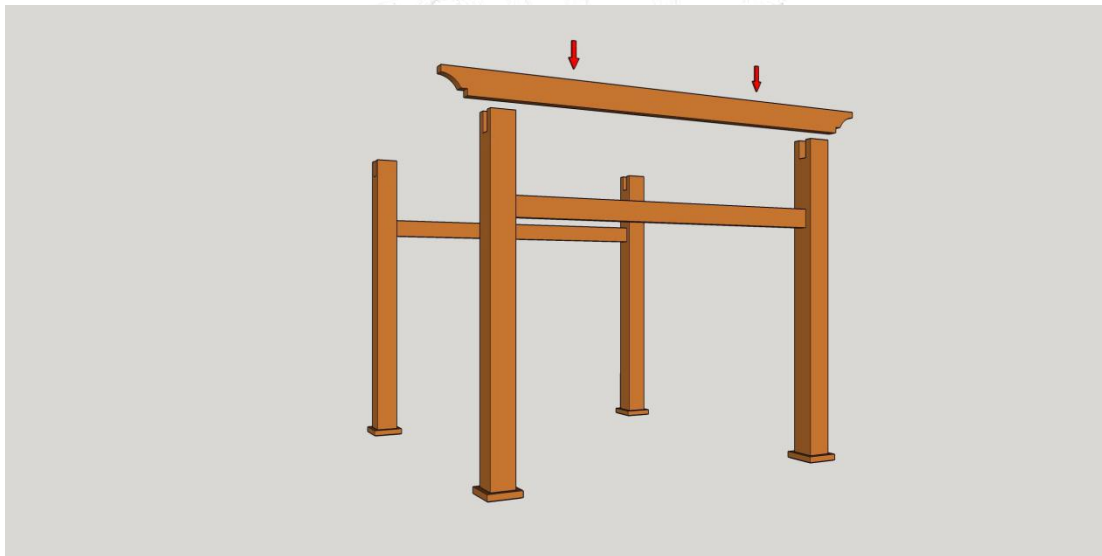
2. Fix the base support and concrete with expansion screws, and insert into the post skirt.



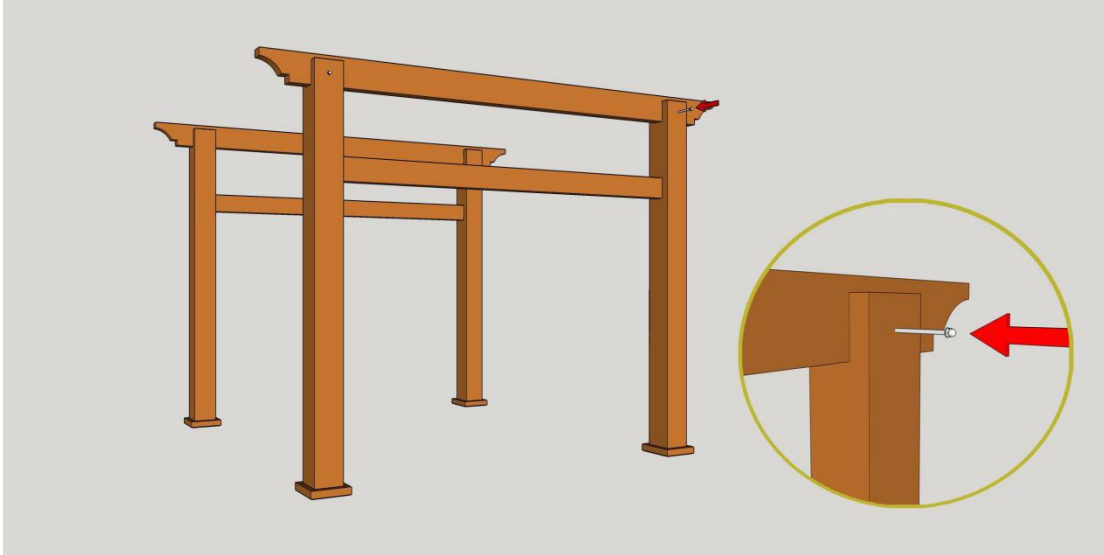
3. Insert the decorative beam into the hole of the post. Adjust the verticality of the post and tighten the expansion screw.



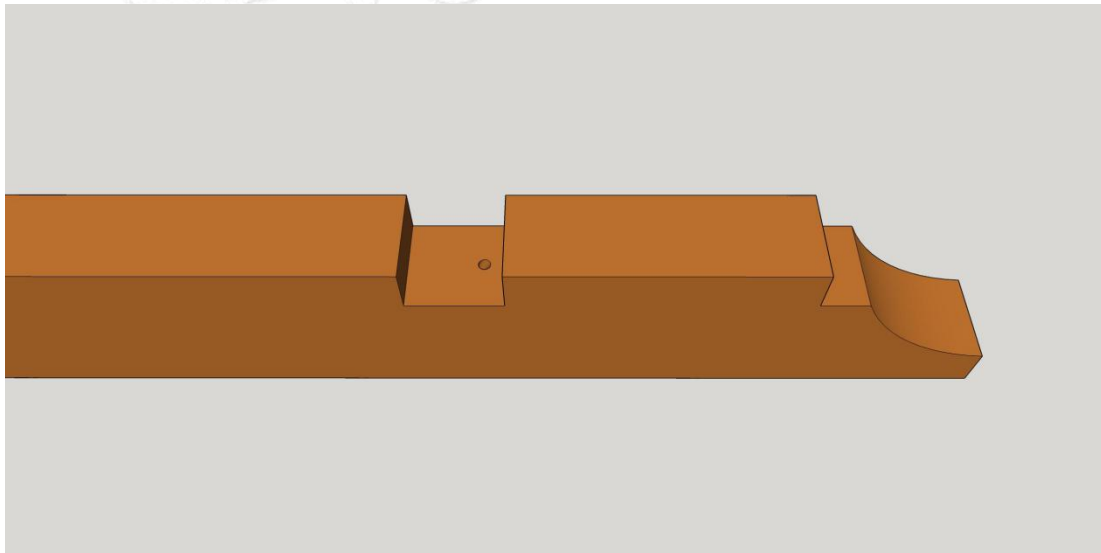
4. Insert the 200 * 80mm Crossbeam into the slotted post and adjust the length before and after.



5. Use $\Phi 10\text{mm}$ twist drill to make a pair of perforations at 80-100mm above the post, fix the post and 200*80mm Crossbeam with M10 * 220mm stainless steel screw.

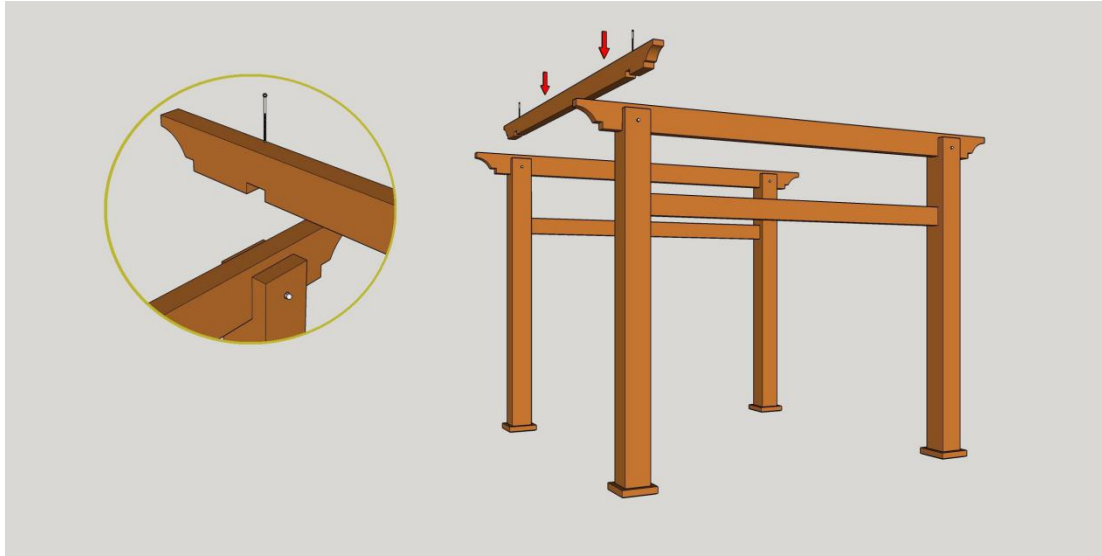


6. Use $\Phi 5\text{mm}$ twist drill to drills drainage holes at the slot of 160 * 80mm beam.

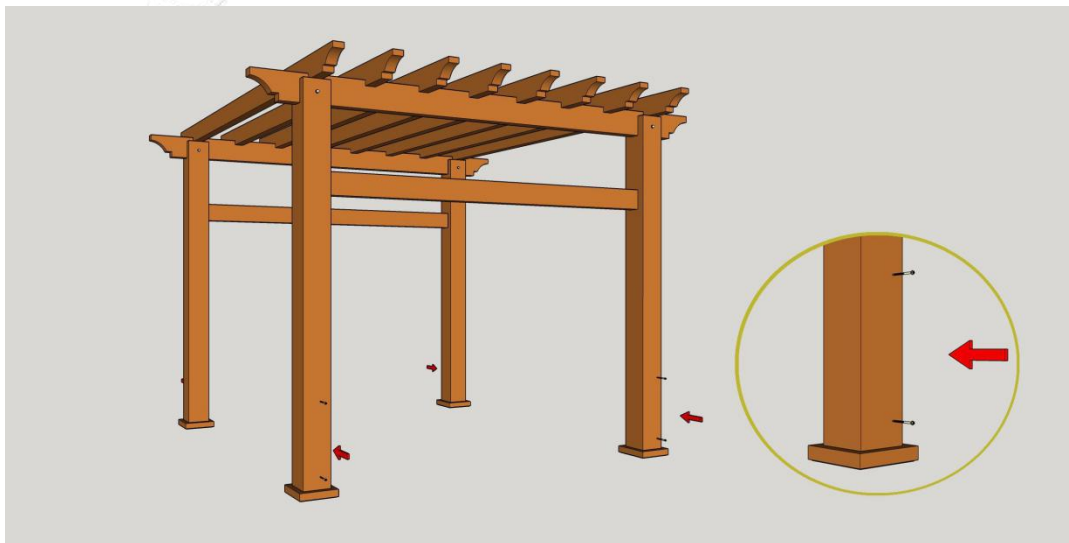


7. Put 160*80mm beam on 200*80mm Crossbeam and fix it with 6.3 * 150 drilling screws.

(Apply structural glue before tightening the drilling screws to reduce water seepage caused by screw holes.)



8. After all the beams are fixed, fix the posts and base support with 5.5 * 75 drilling screws at 200mm and 600mm from the ground outside the posts.



9. Place the lattice in the space between the decorative beam and the 200

* 80mm Crossbeam and fix the lattice with 5 * 60 round base screws.

10. Complete all assembly.



Please Note:

1. The bottom of the post can not be closed. If closed, please drill a Φ 5mm drainage hole at the bottom .
2. Drill Φ 15mm drainage hole at the slot of the beam.
3. Beams length should be controlled within 3000mm between the 2 posts.