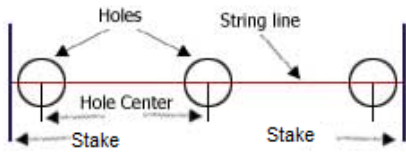


OZLOGS CONCRETE SLEEPER INSTALLATION GUIDE

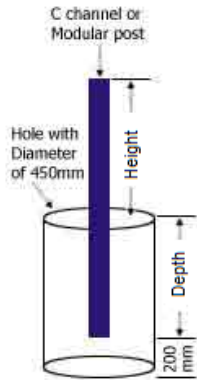
(Also Refer to Engineering Specifications)



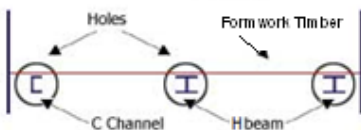
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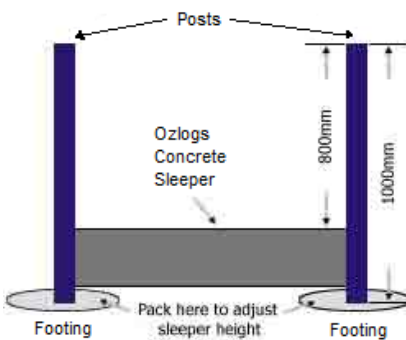
Hammer a stake at each end where Ozlogs Retaining Wall is to be constructed (keeping boundaries in mind). Attach a string line to the top of the stakes to align and work out the height of wall you will require. Place another string line at ground level then measure out and mark where the centre of each hole is to be drilled. (Check out engineering specifications as to what size sleepers and post size are required for the height of the wall you are constructing. This will determine the hole and post spacing's)



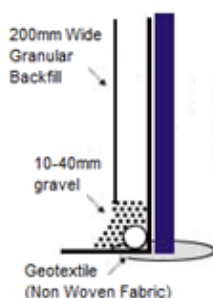
Drill hole with a 450 mm diameter auger. The depth of the hole is to be dug equal to the height of the wall being constructed. Add 200 mm to the hole depth and post length when installing Ozlogs Quick fit Fencing on top of the retaining posts (see note on engineering specifications).



Tips to space/ support or clamp galvanised posts, clamp optional. (Measure sleepers for length and width before setting out height and spacing's). Pull a string line over the centre of holes drilled. Brace down a length of formwork timber (50 mm) to the back side of the stringline. This will keep the post in the centre of hole, cut a piece of timber or p.v.c pipe 15 mm longer than the length of the sleepers your wall requires. Starting at end post, use your measuring spacer, mark on formwork timber where the centre of post is to go, using g clamps clamp galvanised post to form work. Double check spacing and use a spirit level to plum up posts making sure the right height of post will be above concrete footing. Fill holes with concrete (don't over fill). As concrete is setting recheck spacing and any adjustments to plum up posts.



Once concrete has set around post (24 hours) place first Ozlogs sleepers between posts. Measure the remaining distance from the top of the first sleeper to the top of the galvanised post to make sure the top sleeper will finish flush with the top of your posts. If the top edge of the sleepers are down from the top of the post (this is a better option than being above the top of the post). Using a crowbar slip under bottom sleeper and you can lift up and pack with a stone wedge on footing. Once this is done install the rest of the Ozlogs sleepers. We recommend you use some form of wedging behind sleepers to hold neatly in place until wall is backfilled.



Take care when backfilling with machinery. Do not dump buckets of fill from a great height. Ask the machine operator to sprinkle gently.