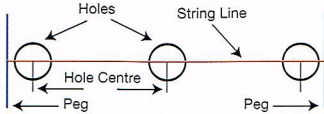


INSTALLATION GUIDE

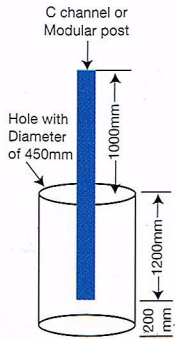
Please check with your local council before installing a retaining wall, as each council has different requirements for this type of construction.

STEP 1.



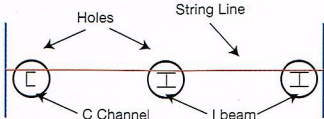
Place a peg at each end of where you would like to build your retaining wall and connect them using a string line to help keep your wall aligned. Holes should be dug with their centre being approx 30mm more than the length of the sleeper. For example if you are using 1750mm sleepers the hole centres should be approx 1780mm apart.

STEP 2.



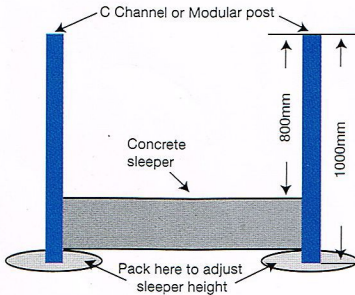
For a one metre high retaining wall the post holes should be dug at a depth of approx 1400mm. Concrete the posts into the holes, starting at one end and progressing to the other end, but make sure you do not over fill the holes, there should be no less than 1000mm of post above the hole.

STEP 3.



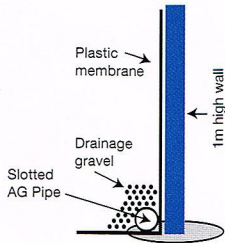
Use a spirit level to make sure all your posts are aligned with the string line and recheck the distance between your posts. (20mm longer than your sleepers, 10mm excess on each end). The easiest way to do this is to cut a piece of wood or plumbing pipe to the exact length you need.

STEP 4.



Once the concrete has set around your posts (normally takes a day or two), place your first sleeper between the posts. You will need to measure the remaining distance between the top of your first sleeper and the top of your steel posts, making sure you are leaving room to get all your sleepers in and to have them finish flush with the top of your posts (you can always cut the steel post if they are too long). If you need to you can pack extra gravel/dirt under the bottom sleeper to raise it to the correct height. Once you have the bottom sleepers set correctly you can add the rest of them on top to create your retaining wall.

STEP 5.

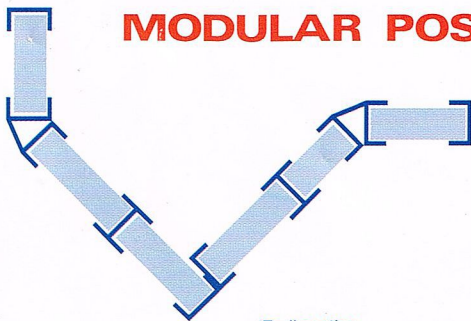


Once your retaining wall has been constructed, it is recommended that you line the back of your wall with a plastic membrane (moisture prevention protection barrier). It is also recommended that you place Ag pipe or strip drain at the base of the retaining wall covered in gravel to allow for correct drainage behind the wall.

NOTE: It is advisable to leave your footings to set for at least 7 days prior to back filling, and only use clean fill (NO LARGE ROCKS). If heavy machinery is being used for the backfilling DO NOT COMPACT fill closer than one metre of the wall or you may damage your footings.

MODULAR POSTS

ENQUIRIES



'H' section is used for extended straight walls

'45°' section is used to create softer angles

'End' section is used to neatly Finish off any wall ends

'90°' section is used to create right angle walls



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