

## RETAINING WALL INSTALLATION INSTRUCTIONS

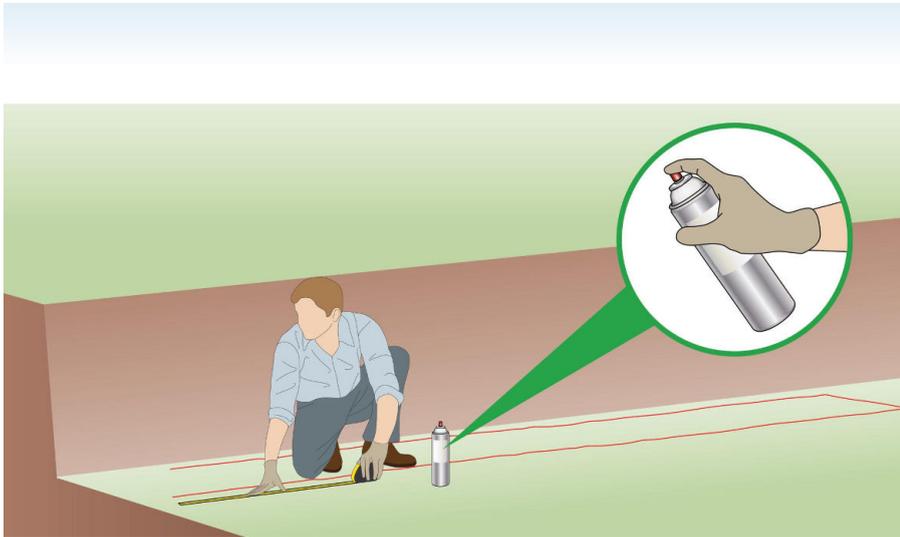
### Up to 1m High



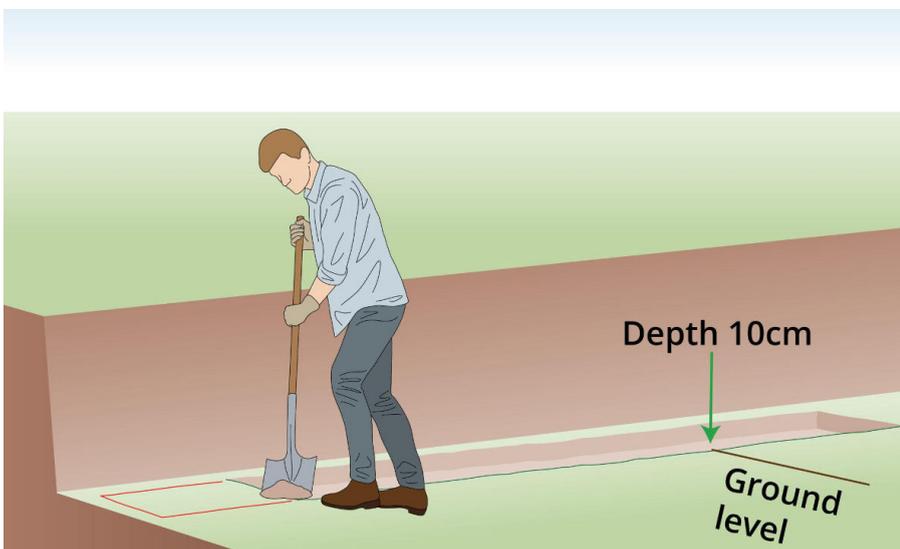
#### THINGS YOU'LL NEED

- Spray paint/stones
- Shovel
- [Gabion wall kit](#)
- [Geotextile](#)

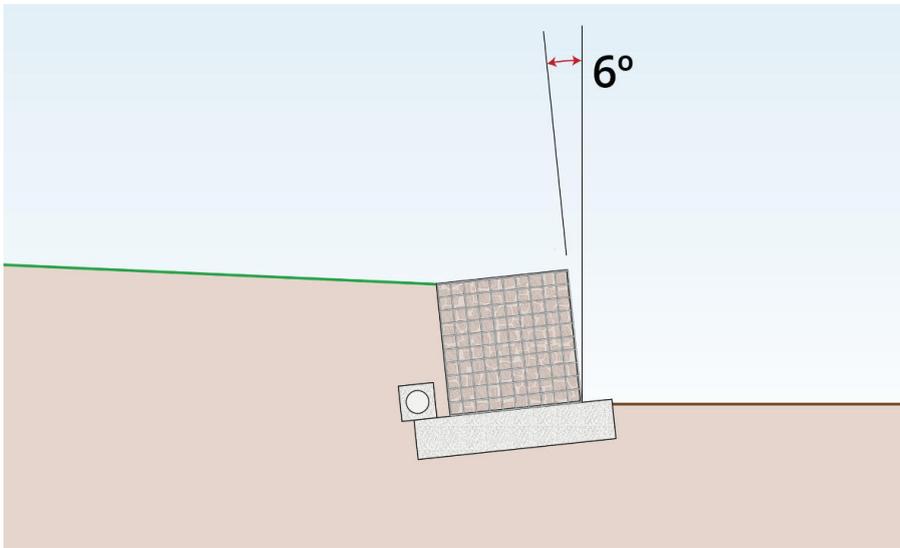
## INSTRUCTIONS



**Step 1:** Use spray paint, stones or other materials to mark the location where you plan to construct your wall.



**Step 2:** Regulations state that retaining walls should start at 50cm below ground. However, Gabion walls lower than 1m are often placed directly on the ground or at a shallower depth. Digging between 10cm-50cm or until the ground is firm ground such as clay instead of the topsoil should be adequate.



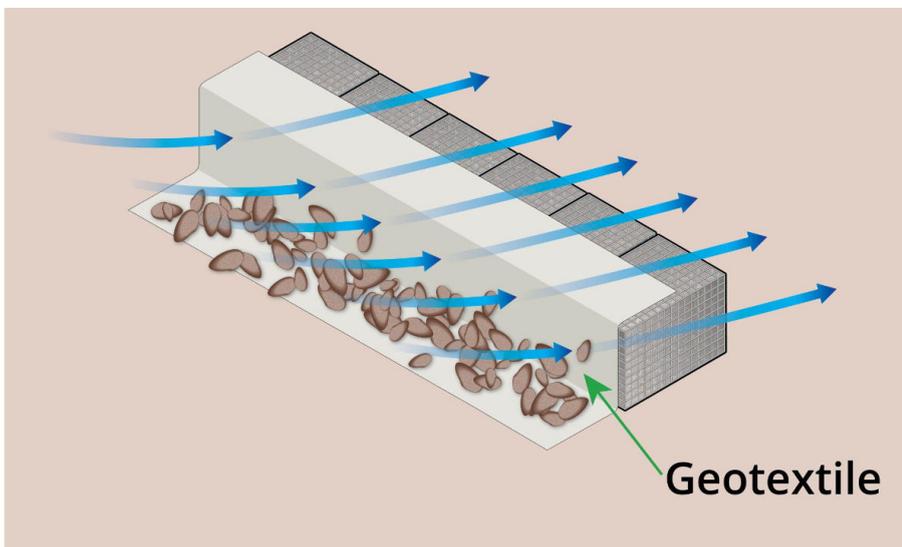
**Step 3:** If you are retaining a lot of earth, the trench should have a 6-degree slope leaning back. If you are retaining a small amount of earth such as a garden bed or the wall is mostly decorative, you can maintain an upright edge instead of a 6 degree slope if you prefer.



**Step 4:** Add a 10cm layer of gravel or basecourse on top of the soil.



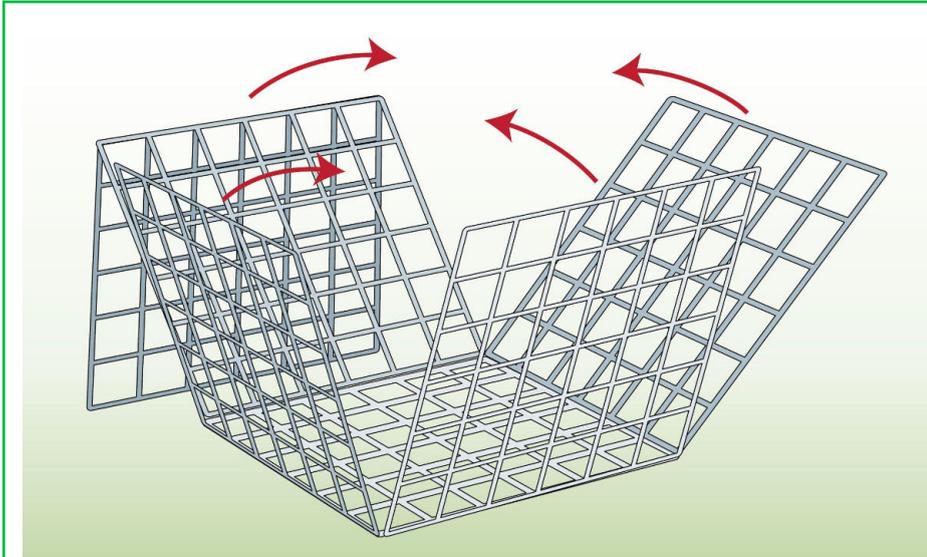
**Step 5:** Walk and stomp on the gravel to make it compact.



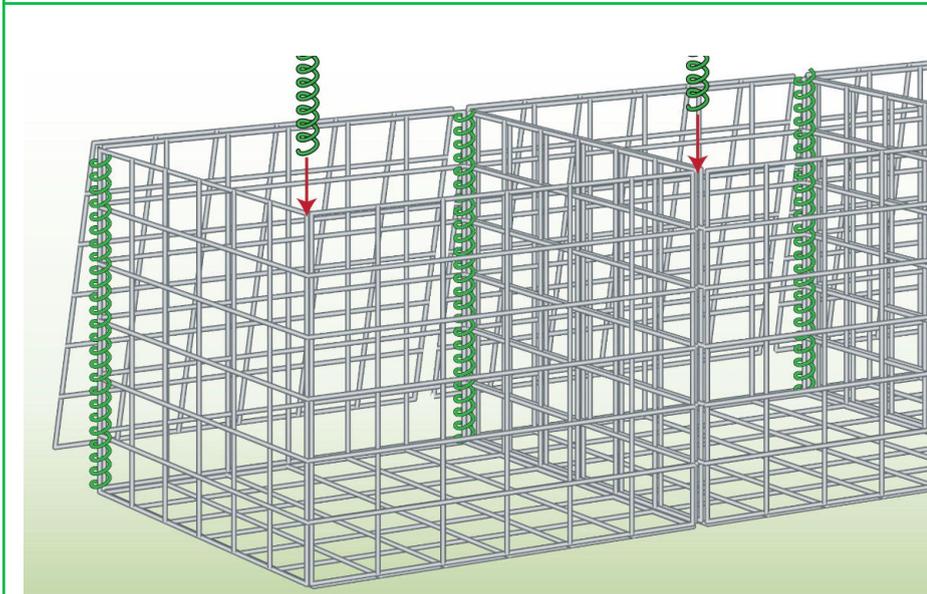
**Step 6:** Cover the bottom and back of the gabion baskets with a geotextile or weed mat to prevent soil, earth, and weeds from clogging up behind the wall.

### Optional - Concrete Foundation

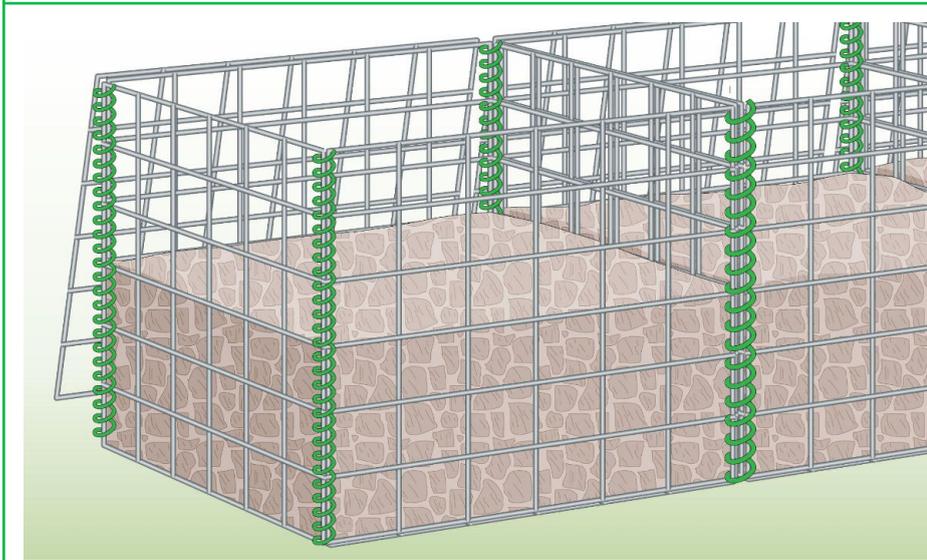
Most low-level gabion walls do not require a foundation but if you have a large amount of groundwater or the soil is weak, it may be needed.



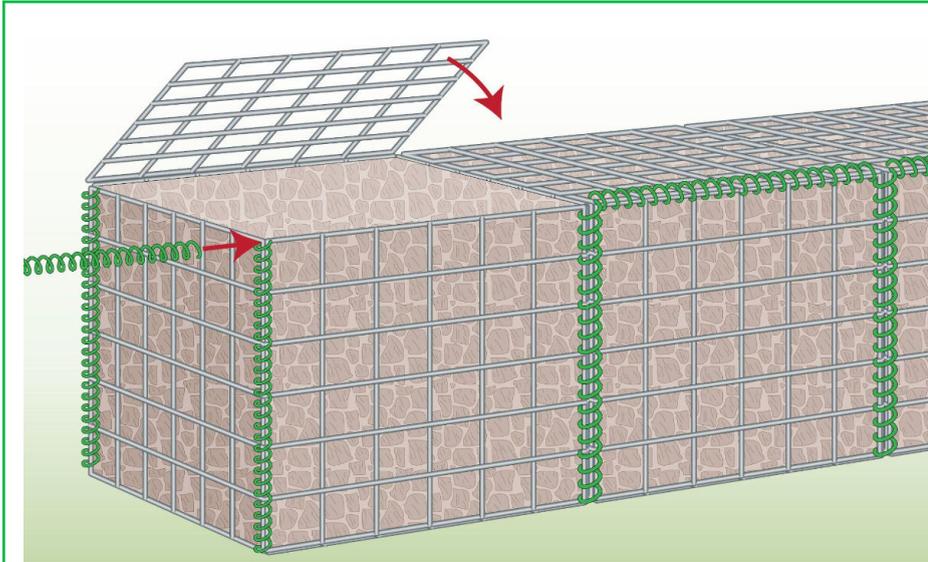
**Step 7:** Unfold and lift up the sides of the baskets.



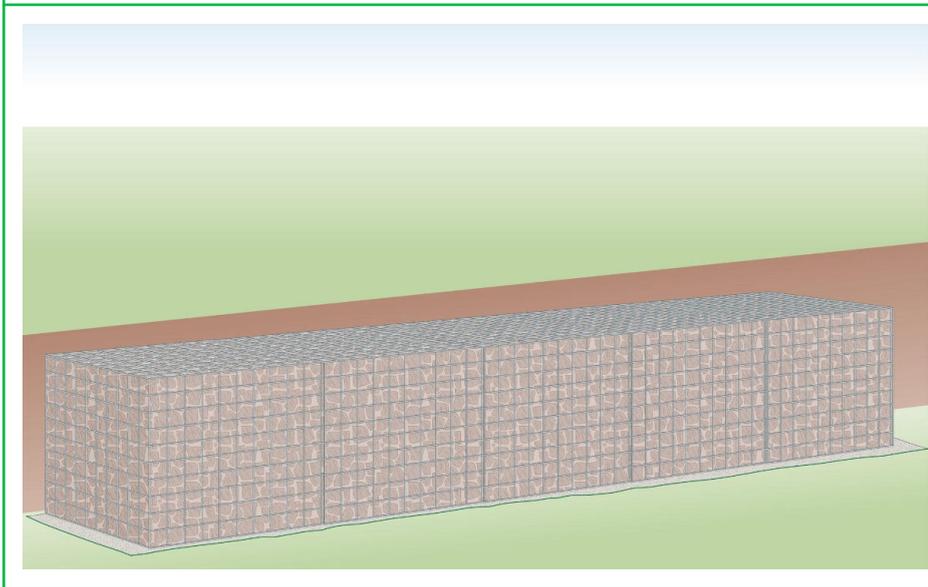
**Step 8:** [Assemble](#) and attach the baskets together with the helicals included in the kit.



**Step 9:** [Fill](#) the gabions with your choice of [stone](#).



**Step 10:** Use helical connectors to close the lids of your baskets.



**Step 11:** Your retaining wall is now ready.