



## Installation Instructions & Applications for Earth Anchors

FarmGard® Earth Anchors are powder coated, helical, screw-in earth anchors. They are used to secure tents, canopies, awnings, fencing, playground equipment, carports, gazebos, portable sheds, and much more. They can also be used when an area needs to be roped off. The helical auger base screws into all soil types. Installation is easy. Simply twist auger into the ground and secure at the eyelet. For harder soils, use a turning bar placed through the anchor's eyelet. We offer 4 sizes to suit your needs and your soil.

- 15" tall with a 3" diameter helical screw
- 30" tall with a 3" diameter helical screw
- 40" tall with a 4" diameter helical screw
- 48" tall with a 6" diameter helical screw



Maximum holding power for normal soil varies by anchor selected, install depth, and type of soil.

Our 15" tall Earth Anchor has a maximum holding power of 200 lbs. Our 30" tall Earth anchor, a maximum holding power of 1,400 lbs.; our 40" tall a maximum holding power of 3,000 lbs.; and our 48" tall Earth Anchor has a maximum holding power of 4,000 lbs. All of these holding power values are based on use in normal soil. The maximum holding power will vary relative to the type of soil.

### Installation

Determine what you application needs are. For example, you want to secure an outdoor canopy on a windy day. In this application, the 15" tall Earth Anchor would be a good choice. Determine the number of Earth Anchors that are needed. For this example, one at each corner of the canopy. At each corner post, measure approximately 2-1/2 to 3 feet from the bottom of the post. If the ground is too hard to install by hand, use a bar for leverage through the eyelet.

Once the Earth Anchor has been installed, tie a line around the top corner post of the canopy. Secure the other end to the eyelet of the Earth Anchor. Do this for each corner post. Be sure the lines are free of slack to keep your canopy secure.

Other applications will be approached differently. For example, you wish to rope off a designated area. In this scenario, you will use as many Earth Anchors as needed to define the perimeter of the area needing to be roped off. Decide how high the roped should be positioned. For example you may desire a rope at 30" from the ground. Select the 40" or 48" tall Earth Anchor. Once installed, tie a rope (or other item of your choice) to the first Earth Anchor. Loop the rope through the other Earth Anchor eyelets until returning to the first Earth Anchor. Tie the free end of the rope to that anchor, and your perimeter is finished.



Note that your choice in Earth Anchor selection will depend on the type of soil that it is being installed in. For hard soils, often time with clay content, the smaller diameter helical screw Earth Anchors will likely provide the holding power required. For softer soils, the 6" diameter helical screw, 48" tall Earth Anchor may be required as you will need to install deeper in the earth to increase the anchor's holding power.

All of our Earth Anchors can be removed and stored for future use.

