

INSTALLATION OF WELDED MESH FENCING

Before installing the welded mesh fence:

- o Measure the total length of the fence
- o Determine the height of the welded mesh fence
- o Consider where you want to install the gate, what height and width it should be
- o Make a drawing that indicates the length of each straight line, the gate openings, and the number of corners

Required tools:

- o Post hole auger or shovel
- o Level
- o Masonry line
- o Drill
- o Fastening clamp pliers
- o Welded mesh tensioning pliers
- o Mesh tensioner comb

Required materials:

- o Welded mesh
- o Fence posts
- o Bracing
- o Fasteners
- o Concrete

Installation of fence posts

Posts should be chosen so that the height of the posts is at least 50cm higher than the height of the fence. For a fence with a height of 1.5 meters, you would need posts at least 2 meters high.

The distance between welded mesh fence posts should be 2.5-3m. The distance between posts should be the same on one straight line (e.g. 2.8m).

Install the masonry line along the length of the fence section being built.

Mark (e.g. with paint) the locations of the posts. Then you can start digging the holes. Typically, the foundation depth for corner and end posts is at least 1 meter, and for row posts up to 80 cm. The diameter of the hole should be 25cm.

Fill the holes with concrete up to 90-95% and push the posts in 40-50 cm deep. Make sure that the tip points outward from the fence. First, install the end posts.

When the posts are aligned with the masonry line, align the upper edges and level them. When selecting the height, take into account that the mesh should be a few

centimeters higher than the ground and the top edge should be flush with the top of the post.

Installation of braces:

At the beginning, end, and every 25m, brace the fence post with a brace. The braces are inserted into the ground at a 45° angle. The upper end is attached to the fence post at 2/3 of the height of the above-ground part.

Braces are concreted like regular posts. Sometimes it is necessary to add concrete after it has hardened.

Installation of welded mesh fencing

Spread out the mesh and gradually raise it against the posts.

Start attaching the mesh from the end or corner. Leave a little extra mesh at the first post and start installing the clamps. The clamp should be on every horizontal wire on corner and tension posts. On regular posts, it should be every 20-30 cm.

After the mesh is attached to the end, it must be tightened before attaching it to the next post. The mesh holes should be evenly distributed. If necessary, the tension of the welded mesh fence can be adjusted later with tensioning pliers. Move from post to post.

To connect rolls, the last mesh holes of one roll must overlap the first mesh holes of the other roll. The mesh holes should be connected to each other with clamps or woven over the horizontal wires protruding from the ends of the mesh. Make sure to continue the mesh at the post interval, not on top of the posts.

<https://youtu.be/wk-sRaMEKEk>

<https://youtu.be/Kh5pMTQ9eyU>