

# Installation instructions KOKOSYSTEMS Noise Barriers

**KOKOSYSTEMS** BV  
INNOVATIVE BARRIER SYSTEMS

## Required tools:

- Auger
- Spade
- Sledge-hammer
- Drill with screw bit (size 3/8)
- Stepladder
- Selfdrilling screws
- Pickets / rope
- Level
- Blocks of wood
- Concrete

**Photo 1:**

Clear the path over which the fence will run. Set up a string-line on the fence line. Use a tape measure to mark out the post hole centres along the line. Dig the first hole of approx 25cm diameter and 80cm deep with a auger or spade.



**Photo 2:**

Place the first post in the middle of the hole and set it in right position. (level, line) Use the sledge-hammer to strike the post into the correct height.



**Photo 3:**

When the post is in correct position / height, fill the lower part of the hole with some soil and press the soil firmly. Put concrete in the upper 40 á 50cm of the hole. Approx 1,5 bag of 25kg per post is sufficient.



**Photo 4:**

When the hole is filled with concrete, add approx 5 liters of water and mix the concrete and water with a spade until there's a lump-free mortar.



**Photo 5:**

Align the post in vertical direction with a level.

Also re-check the top of the panel if the panel is still in correct horizontal alignment.



**Photo 6:**

Dig the second hole, distance: panel width +/- 1cm, along the line.

Place a block of wood on the ground, close to the next hole and place this in straight alignment with the level. Now the panel will be aligned in right horizontal direction when it's placed.



**Photo 7:**

The topside of the panel is marked with a sticker (with arrow) at one side of the panel. **Place the backside of the panel (with bolts / rivets in corners) to the side of the posts without drilled mounting holes. In this way there won't be a gap between postflange (mounting side) and panel.**



**Photo 8:**

The panel can be mounted with the selfdrilling screws through the pre-drilled mounting holes in the posts.

The screws are selfdrilling so the panels don't need to be pre-drilled.



**Photo 9:**

After this the next post can be placed in the next hole. Slide the post along the panel into the hole. Check with level and line if the post is in straight position. It is recommended to keep approx 0,5 - 1cm between line and post.



**Photo 10:**

Now the post can be struck into the soil to the correct height, same level as the top of the panel. Also re-check the top of the panel if the panel is still in straight horizontal alignment.

After this repeat step 6 t/m 10.



**Photo 11:**

After installation of the Noise Barrier fill possible gaps between panel and ground with soil.

This is important to prevent sound leaks.



**Photo 12:**

Climbing plants (f.e. Hedera or Vine) can be attached to the screen with the supplied plant cramps. The aerial roots of the plants will attach itself to the screen very good.

See our '[Climbing Plants list](#)' for more information about different applicable plants.

