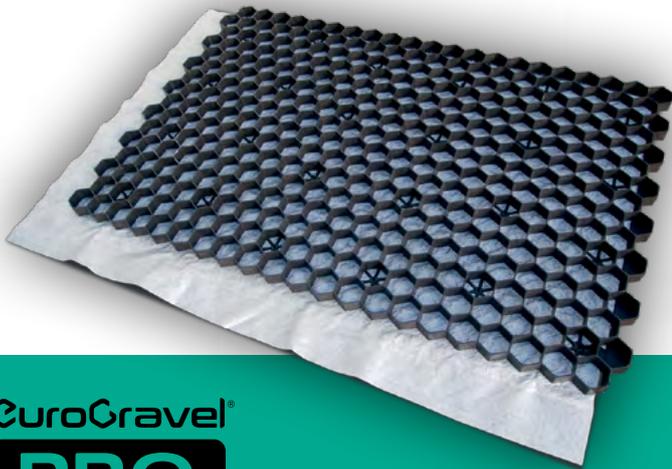
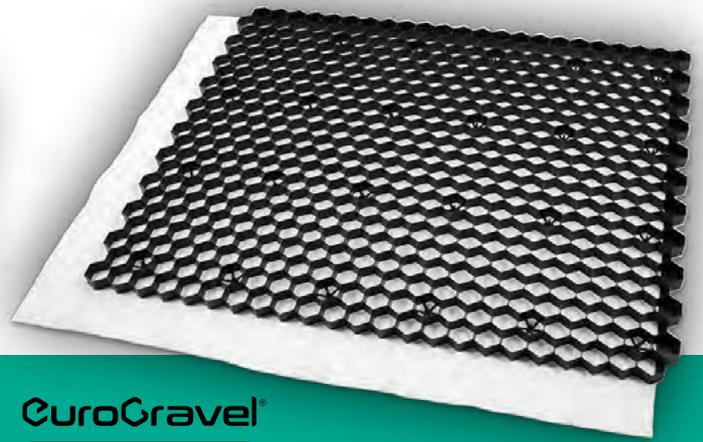


# EuroGravel

## Installation instructions



EuroGravel®  
**PRO**



EuroGravel®  
**PLUS+**

### Filling

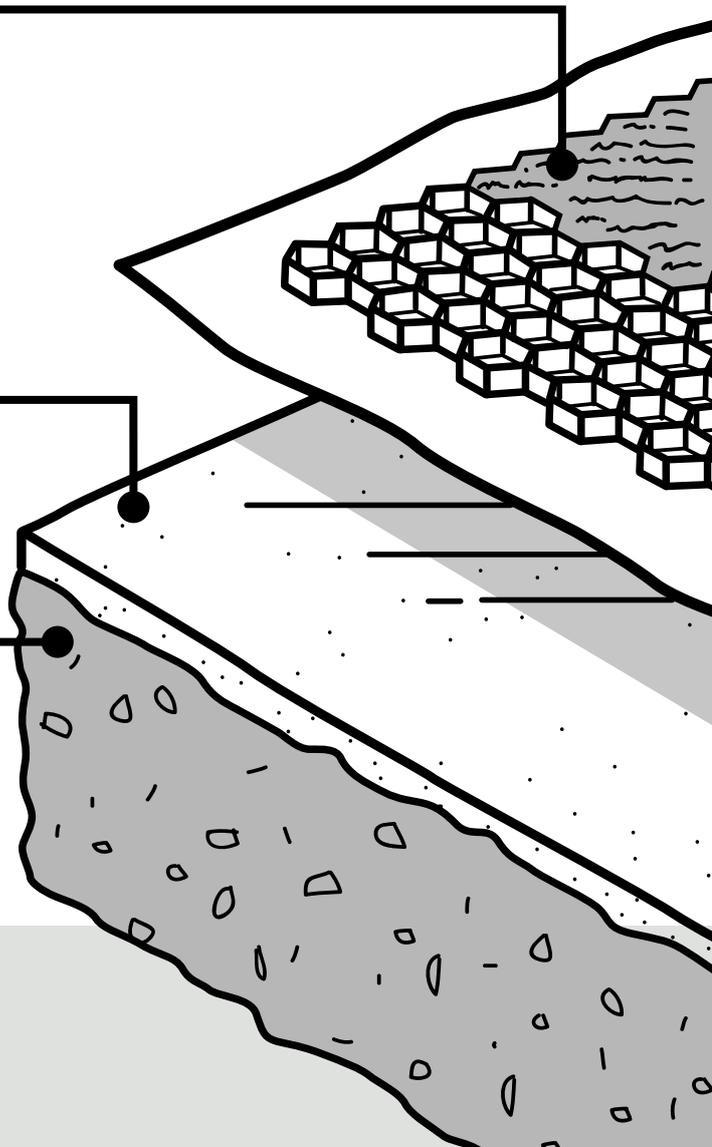
- › Layer thickness in total 5-6 cm. This results in a top layer of 2-3 cm on top of the panels (height 3 cm) to perfectly cover the panels.
- › Use gravel sizes of at least 3 mm and max. 20 mm (chippings) or 25 mm (gravel/pebbles).

### Levelling

- › Levelling layer of 3-5 cm. Use a fine-grained material (f.e. 0/2 or 0/4 mm).

### Foundation layer

- › Foundation layer of a sub base material with a grain size of 0/16, 0/32 or 0/40 mm. Layer thickness depending on the existing soil structure and the load that needs to be carried.



**i** Please read the following information carefully before installing the EuroGravel stabilisation panels to insure a correct installation and to obtain the best results.

## 1. Foundation layer



Start by making a foundation layer. For decorative use (without loads to carry), a sub base of compacted sand or gravel can be sufficient (according to wish). For heavier use (cars, trucks etc.), a foundation layer of mixed granulate or any other sub base material is required. The best sizes to use are 0/16, 0/32 or at most 0/40. This foundation layer should be 25 cm thick for medium loads. For light to medium loads, a layer of 20 cm can be sufficient.

For heavy to very heavy loads, a layer of 40 cm is recommended. The foundation layer should then be compacted, resulting in a stable foundation for the panels. The contractor is responsible for the correct sizing of the foundation layer.

## 2. Levelling



It is recommended to finish the foundation layer with a levelling layer (3-5 cm), in order to obtain a smooth surface. Use a fine gravel or volcanic Lava rock in sizes between 0/4 mm. This layer should be compacted as well.

### ! Important

**The use of edging is important**, to make sure the surface is bordered on all sides. This way the gravel will be totally secured in the panels.

## 3. Installing the panels



You now install the panels on the levelling layer, in **stretcher (also called running) bond**. There is no connector system needed, as the panels can be placed directly on the sub layer one by one. The geotextile overlaps around the edges. Ground spikes are not necessary, unless you install the panels on a slope (max. 15%). The installing speed is in general 100 m<sup>2</sup> (PRO) - 120 m<sup>2</sup> (PLUS) per hour. On the edges (or to make openings), you can easily cut the panels with a handsaw.

### ! Important

- › **Always leave a small space of 5 cm between the edging and the panels.** This prevents possible damage due to expansion and contraction caused by temperature differences.
- › **Apply expansion or dilatation joints of 5 cm every ±7m to compensate for temperature differences.**

## 4. Filling the panels



This is the easiest part, the pebbles or chippings can simply be spread out in the panels. The required thickness is 5-6 cm, therefore you will need about 1 m<sup>3</sup> of gravel/chippings per 20 m<sup>2</sup>.

Rake the gravel/chippings well to make sure all panels are filled up completely.

Make sure you have some left to finish it off later, as the gravel will always be compacted a little while driving on it.

**Important: Driving on the panels unfilled is advised against, the panels are not suited for heavy loads when unfilled.**

## What type of gravel or chippings is best suited for use in EuroGravel?

There are different factors at play: type of stone (hardness), shape and size.

### Type of stone

For decorative ends, all types are suitable. For heavy loads, choose a stone with a high hardness (to prevent fracture and breaking).

### Shape

Both pebbles and chippings are suitable. Pebbles will roll some more, but are also a little bit more comfortable to walk on. Chippings create a more firm surface and have a robust look and feel.

### Size

The minimal size is 5 mm. For chippings, the maximum size is 20 mm, for pebbles and gravel this is 25 mm.