

EASY GRAVEL

GRAVEL STABILISATION 3XL



Installation in 3 steps:

1. Foundations

- + Foundation layer between 15 cm and 50 cm (such as crushed rubble 0/31.5 or lava 0/16), depending on the application and quality of the existing foundations.

2. Levelling

- + Smooth out and level de the foundation
- + Levelling layer of split sand or Lava 0/4
- + For extra weed protection: cover this layer with weed control membrane before laying

3. Filling

- + Fill the panels with ± 5 cm of gravel or chippings
- + About 1 m^3 per 20 m^2
- + Gravel size: at least 5 mm - max 32 mm
- + Chippings size at least 5 mm - max 25 mm



► The installation of Easygravel stabilisation panels is simple. However, it is important that the installation instructions below be followed closely to ensure the panels lie correctly on solid foundations.



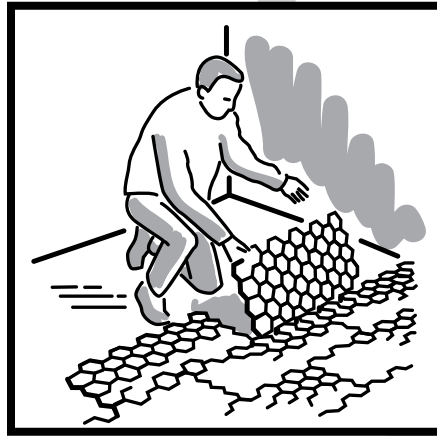
Step 1. Foundations

The foundation below the stabilisation panels must be solid to provide sufficient stability. You start by digging out the surface where you will install stabilisation panels. The number of cm you dig out depends on the load that needs to be carried and the corresponding foundation thickness. You must also account for the layer of the gravel/chippings (about 5 cm) and the panels.

Use mixed granulate as foundation material, also known as repac or crushed rubble, preferable in the size 0-32 mm, or at most 0-40 mm. The layer of mixed granulate should be compacted. Note that the incline of the entire area may not exceed 15%, any higher and the stabilisation panels cannot function optimally.

We recommend a layer (3-5 cm) of fine gravel, sand or fine lava on top of the mixed granulate. This equalizes the foundation, removing any irregularities caused by bottom layer.

Tip ► Use of a weed control membrane between the mixed granulate layer and the stabilisation panels is not essential, but does reduce maintenance. You further reduce the chance of weed growth.



Step 2. Installing the stabilisation panels

You now install the panels on the levelling layer, **in stretcher (also called running) bond**. The Easygravel stabilisation panels are easy to click together using a connector system. Panels are connected to each other, quickly allowing you to cover the entire surface. You should be able to lay about 80 m² per hour. Have an edge or opening? No problem. The panels can easily be cut to fit with a handsaw (wood). You do not need to fix the panels with pins or similar, the (filled) weight and connector system will hold them in place.

Important ► The use of edging is important and strongly recommended. This prevents the gravel from rolling off the panels at the edges and fixes the panels in position. 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.



Step 3. Filling the stabilisation panels

Once you have covered the entire area with stabilisation panels, you can fill them with gravel or chippings.

► For filling grass panels, see 3b.

A few important instructions:

► Use a gravel size of at least 5 mm and at most 32 mm. All sizes between 5-32 mm are suitable. This includes standard sizes such as 8/16 and 16/32. The minimum size for chippings is also 5 mm, however the maximum size should be limited to 25 mm. Consider standard sizes such as 8/16 and 16/22.

► All types of gravel or chippings are suitable for use in stabilisation panels. However, not all types are pressure stable and thus suitable for use on heavily burdened surfaces. Some types fracture (break) if heavily loaded, for example vehicle traffic.

► The stabilisation panels are not suited for heavy loads when unfilled. Compression strength is only sufficient after filling with gravel or chippings.

In order to fill the stabilisation panels properly, you will need a gravel/chippings layer of about 5 cm. As a rule of thumb: 1 bulk bag of 1 m³ (1000 litres) per 20 m². The actual filling process is simple. You spread the gravel over the holes in the stabilisation panel until all holes are filled to the brim. You can then finish with a covering layer, hiding the panel as much as possible.

Tip ► Order an ample amount and reserve a small amount. This will let you top up the gravel later for an optimal result.

Step 3b. Filling Easygravel grass panels

You fill the grass panels with a mixture of garden soil (about 40%) and sand (about 60%) up to about 0.5 cm from the top. If necessary, compact this layer with a light vibratory plate. Sprinkle the surface with water so the layer can sink in and fill the panels where necessary so the grass panels are completely filled. Then sow the grass seed.