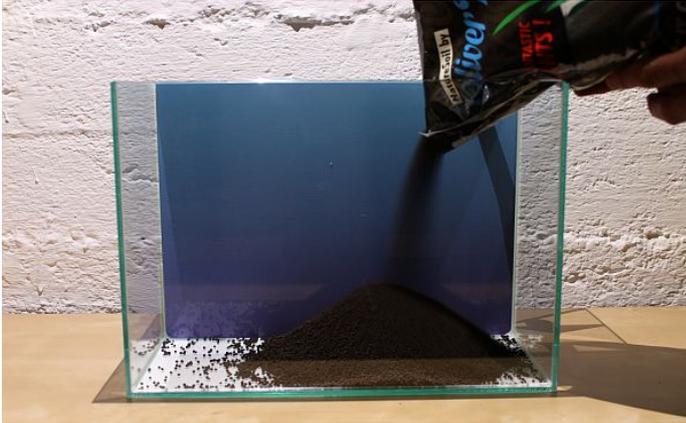




NatureSoil

Tips and important information

1. Getting Started



- **VERY IMPORTANT don't wash NatureSoil before use!** The best way straight from the package into the **empty** aquarium.

- If necessary you can add under the NatureSoil a fertilized ground. Please notice NatureSoil contents already natural nutrients for the primary care of many aquatic plants.

2. Set up (layout)



- The best way was to decorate the aquarium dry (without any water)

- Such as decorative stones can be easily pressed into or chain of the NatureSoil. With time, the stone go down a little bit by their own weight.

- For very large stones (hard and angular) it is advisable to lay a PVC or Styrofoam plate in the empty aquarium before fill in the NatureSoil. This will prevent the direct contact from the stones with the floor (bottom) plate.



- If the decoration (layout) is finished you can use a spoon to remove excess NatureSoil. Or you can add this soil in the rear areas of the layout. **Please still don't fill water in the aquarium!**

- If you use the normal granularity (4-5mm) you have the possibilities now to add a small layer of the fine grain size (2-4mm) on the normal. This gives the decoration a special touch

3. Planting



- As a next step the plants will be planted. The aquarium is still empty (without water), so the plants can be planted much more easier (best with tweezers). Moreover, you have a better overview by the planting, without the medium of water in between.



- During the planting and when you finish please moisten the plants well with a water sprayer. This will prevent the plants to dry until the filling of the tank,

4. Filling with water



- **A very important point for the successful launch of your aquarium.** Place a few layers of wet newspaper in the aquarium so that the plants and the bulk of the decoration are covered. (For larger aquariums, you can also slide a foil on the newsprint, or using only a foil)

- Now fill the aquarium **slowly** with water. The best cold water or light warm water - maximum 22-24 C. **In no case use too warm or even hot water to fill the aquarium!**

- For small aquarium is very well using a watering can. For larger aquariums the best choice is a tube system, in which at the end you can adjust the pressure (for example Gardena system with adjustment valve). The end of the hose you can fix at the decoration (roots, stones,...) or at the aquarium rim so that it doesn't slip away.

- Concerning the water pressure of the incoming water, the newspaper (foil) pressed on the plants and the decoration. This prevents that the plants pass off the soil or the decoration will be undermined. The slow filling shall also ensure that the aquarium water is immediately after filling crystal clear.



- If the aquarium at least was half or completely filled with water you can remove the newspaper (or foil) carefully from the aquarium. After that the aquarium can be filled completely.

5. Completion



- Now you can install the technical equipment such as the filter, heater, CO₂ system and the lighting.
- Install the outflow of the filter system so that you have slight circular flow in the aquarium. **In any case, set the outflow directly onto the ground** for prevent an unnecessary agitate of the NatureSoil.
- At the conclusion clean with the help of a purifier tool (Blade Purifier, JBL Blanki) the inner panes of the aquarium. Oxygen bubbles and slight deposits on the pane can be so easily removed.

6. Care and tips



- For a perfect start of your new aquarium with NatureSoil we recommend a **weekly water changes of at least 20% from the first day after set up.**
- For nature aquariums with strong lighting and fast-growing plants we recommend a water change of approximately 15% every 3 days - the first 4-5 weeks. After then as above about 20% every week.
- **IMPORTANT for customers with hard tap water (from KH12 / GH 18 and more):** NatureSoil provides in a natural way that your aquarium water was softer than your source water, few hours after filling. So you have 1-2 days after set up an aquarium water with a KH of about GH 5-7 and 9-12, depending on how hard your tap water is. It also reduces the pH value on the neutral or slightly acidic range (6.8 - 7.0).

- If you use softer tap water your aquarium water will stabilise to similar values as when you using hard water (balance the system). But this depends on the hardness of you source water and the frequent of the water change.

7. Important usage instructions!

- Do not put in burrowing fishes in aquariums with NatureSoil (large corydoras, large L-cat-fish, cichlids, and others).

- Please use no artificial means to harden or soften of the aquarium water.

- Please do not try to suck off NatureSoil with using a aquarium vacuum cleaner. Nature-Soil is most qualified for strong planted aquariums with a normal and light fish stocking. Possibly occurring dirt or sediments you can suck manually with a thin tube.

- For example if you need feeding places for your fishes, you can create sandbars in the front areas of the aquarium set up.

8. Any questions ?



Further information can be found at:

www.oliver-knott.com

If you do have further questions please send us an email to:

info@oliver-knott.com