

How to install the UDS toilet bowl

It doesn't matter whether you want to install the UDS bowl together with a Otji-Toilet or any other dry toilet system. All dry toilet systems are functioning much better once the urine is drained away to allow the solid to degrade. The french drain is always the same.

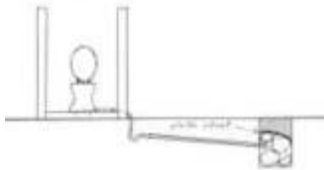
The „french drain set“ consists of:

- 1 SMALL L-BOW
- 1 SHORT PIPE
- 1 BIG L-BOW
- 1 P-TRAP
- 1 LONG PIPE
- 3 RUBBER CONNECTIONS
- 1 PLASTIC SHEET (50 x 50 cm)



The french drain is a small filtration hole (35cm x 35cm), dug into the ground with about 50 cm depth in a distance of about 1,5 m from the toilet. This hole is filled half (25 cm – 30 cm) with big rocks, while the urine-pipe ends in between the rocks. Make sure, that the end of the pipe is free from any potential blockage. Then cover the rocks with the plastic sheet and fill up the rest of the hole with soil. The plastic sheet will hinder the soil to enter in between the rocks and potentially causing blockage to the urine-pipe. The free and open space at the end of the pipe is an essential detail for the proper functioning of the drainage.

The connection of the „french-drain- set“ starts at the UDS-Bowl with the small L-BOW and the SHORT PIPE towards that side you want to have your french drain. The BIG L-BOW will go thru the hole in the toilet wall towards the P-TRAP which is outside and underground. From there the LONG PIPE goes straight into the french drain covered with the PLASTIC SHEET. Make sure, that the underground installation (french drain with P-TRAP and LONG PIPE) is not exposed to heavy pressure such as cars driving over or parking there.



The Otji-Toilet and the Urine Diversion Toilet Bowl



Dry Sanitation of
modern convenience

