

Act ecologically:
SAWI biocom[®] Bark Chip Toilet
The Biological Dry Toilet for summer and cottage
houses or weekend homes



- needs no chemicals or water
- is independent from electricity and waste water systems
- stores human waste without unpleasant odour
- is very easy to install and maintain
- offers good structure for composting
- tested for odour absorption (“very good”) and handling (“simple”) (test 6/97)
- 5 years warranty

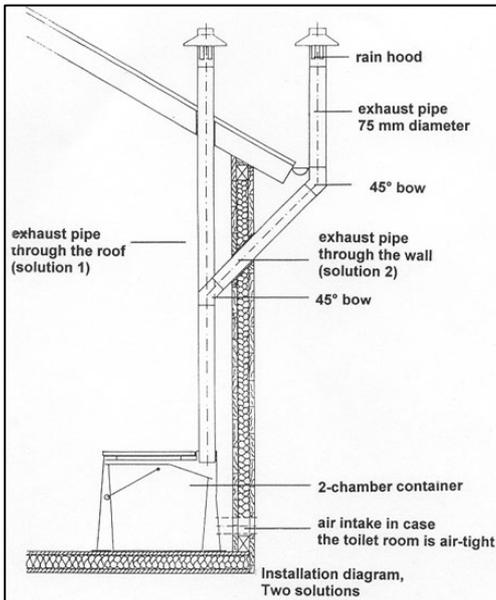
The SAWI biocom® Bark Chip Toilet

1. Function

The SAWI biocom® bark chip toilet is a biological dry toilet that uses dried bark chips as an additive, allowing odour-free waste storage even over long periods of time and under extreme weather conditions.

The system has a container inside the housing which accumulates solid and liquid wastes separately in two chambers. The bottom chamber collects the urine and is filled with bark chips before the first use. The upper chamber needs only a layer of bark at the bottom for storing faeces and toilet paper. After each defecation the toilet paper should be covered with a handful of bark. This way, waste is hidden from view and odours are instantly bound by a natural biological process as the tannins in the bark are released.

Due to the structure of the bark and the design of the system, oxygen can still reach liquid wastes, resulting in a gradual composting process. This means that there is no unpleasant smell even when the container is emptied onto the compost (see also test-report by "Stiftung Warentest" 6/97 odour absorption: "very good"). Disposal is by compost, so after one year, solid earth can be given to ornamental flowerbeds in the garden.



Installation diagram



Thermo composter with lid, 750 1

2. Range of applications

The SAWI biocom® bark chip toilet is designed for garden-, weekend and summer houses, small hunting and mountain huts, small building sites and all other places, where waste composting is possible and bedding material is provided. Bark chips can be partly replaced by wood chips and shredded material.

3. Building conditions

The SAWI biocom® bark chip toilet does not require more space than an usual flush toilet. An exhaust pipe (75 mm diameter) has to be run through the roof or through the wall on the side up to the roof. For composting covered systems are advised in order to keep the process from rain. The container can be placed near the house without problems.

4. Plumbing

Behind the seat is a connection for an exhaust pipe which has to be run beyond the roof (see above). The resulting air flow will keep the container contents supplied with oxygen, leads away evaporated water, and creates an odour seal that keeps the toilet room from smelling even during use.

5. Maintenance

The maintenance of the SAWI biocom® bark chip toilet is extremely simple (see above). To empty the container, the housing cover has to be removed to pull the container forward and out. The container has got a handle and a grip that makes it easy to tip the contents onto the compost after the container is filled with waste (once a week two persons/holiday or once a month two persons/weekend).

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