

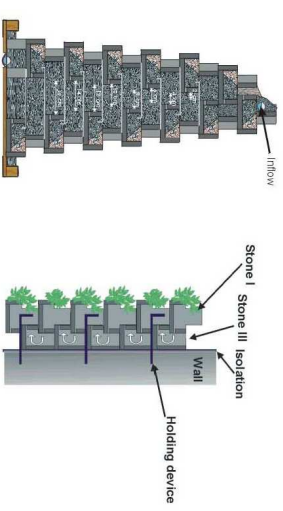


Gus Nilsson, Gabarone, Botswana

The living wall

Made from single blocks

Principle of Living Wall along a wall



Vertical growing, purify water save water and space

Simple principle:

- 👉 The simplest way to get clean water is: avoid polluting it
 - Use separating toilet systems to attain this
 - Then, you only need to purify the greywater
 - Greywater is an excellent growing media for plants
- 👉 Water that evaporates from plants is **productive**
 - The living wall aims at reducing evaporation from soil

- 👉 'Polluted' grey water is rich in nutrients
- 👉 Bacteria release nutrients from the water percolating through the gravel bed
- 👉 Plants thrive on nutrients
- 👉 Productive purification !

Hence:

- Avoid any unnecessary pollution of the water
- Let the water pass as long as possible through aerated gravel
- Let the plant roots grow in the gravel
- Let the water evaporate through the plants
- Collect the purified water, recycle it through the plants or re-use it

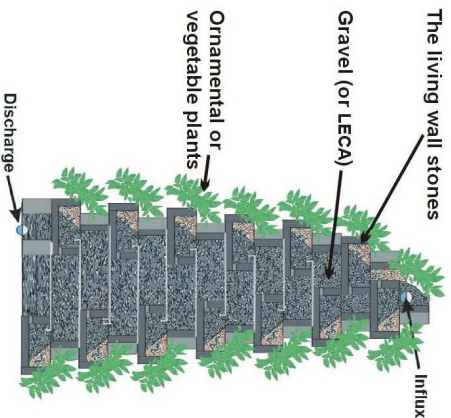


The wetpark in Kalmar, Sweden
Greywater is purified to potable water quality. The greywater from the technical high school is purified in a series of ponds, using the same principles as the living wall. An excess of 700 m³ water of potable water quality is attained each year.

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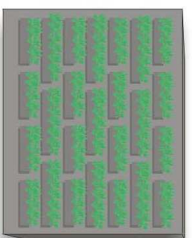
Folke Gunther, Ph. +46 46 14 14 29, e-mail: folke@holon.se, <http://www.holon.se/folke/>

Large block moulding

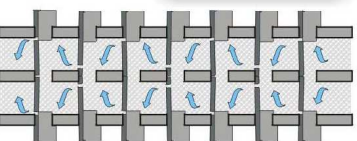


Large block moulding

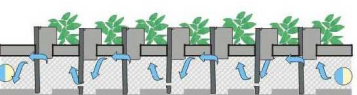
Gotland, Sweden



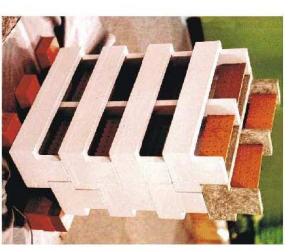
Front



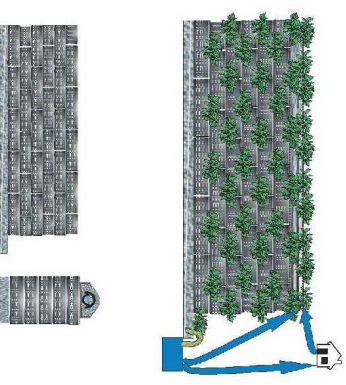
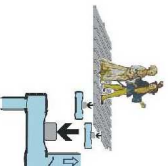
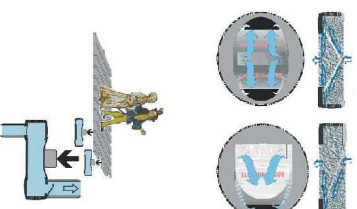
Double-sided



Single-sided



Made from old tires



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