

Sewage Treatment Plant

Compact and Non-Electric



Non-Electric



No running costs



Totally silent



Odourless



Small footprint



Waste water
Pure as nature



BIOROCK
sewage water treatment

BIOROCK[®], the system that meets all your needs!

LET'S COMPARE

TRADITIONAL SEWAGE TREATMENT SYSTEMS	Reed beds	Electric plant	BIOROCK [®]
Compact, small footprint	X	✓	✓
Odourless	X	✓	✓
Not dependent on soil conditions	X	✓	✓
Tolerates variable loading conditions	✓	X	✓
The treatment process does not require energy	✓	X	✓
Long absence periods possible	✓	X	✓
No mechanical components: no breakdowns	✓	X	✓
Silent	✓	X	✓

BIOROCK[®] Media:

BIOROCK uses a material with huge surface area which allows colonization of the necessary bacteria, a process which is essential for the effective treatment of domestic wastewater.

The BIOROCK media is highly resistant to degradation and remains extremely stable over the long term - our 25 years' experience in the industry being proof of this.

- Very stable inorganic material - does not break down over time, unlike "organic" media.
- Requires little maintenance – scraping and scarification is not necessary, unlike for organic media.
- The structure and composition ensures unsurpassed and unique surface treatment with exceptional purification results.
- Ecological material, locally produced and recyclable.

BIOROCK offers a much more efficient and ecological wastewater treatment technique compared to traditional techniques that are very high in maintenance and energy consumption.



Previously
you had to choose...
between a variety of Electric Treatment Plants
and Reed Bed Systems

Now there is
BIOROCK[®]
The complete biological,
energy-free process



Enjoy the silence - no moving parts

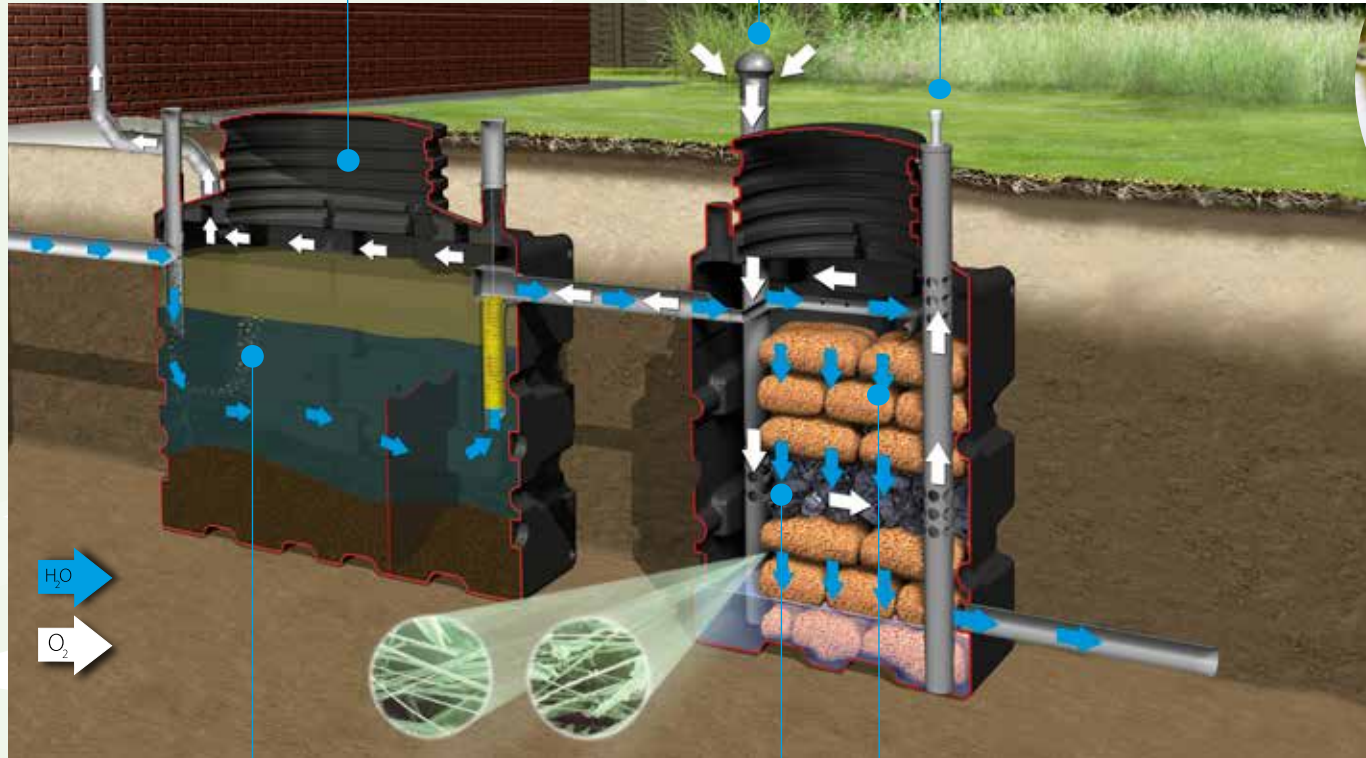
Pre-filter - retains the solids in the Primary Tank

The treatment process does not require any electricity, leading to costs savings

The air circulation is by natural draft giving silent operation.
No mechanical or electrical components = no power consumption

The BIOROCK® Media does not clog

The overflow alarm operates in the event of a discharge problem



Lowest Operating Costs

The separate primary tank ensures a longer de-sludge interval of 3-4 years giving further cost savings

Requires minimal maintenance

The BIOROCK carrier contains microscopic pollution degrading bacteria preventing it from clogging. 10 years warranty on the BIOROCK media

The natural treatment process continues even in case of lower waste water flow through the system

The BIOROCK media has the ability to handle (seasonal) waste water loadings, even during long absence periods up to six months. Go on holiday with peace of mind!



The treated water is discharged either underground (infiltration) or into water courses, depending on the ground type*



The treated water can be discharged by pump if required.

* subject to national regulations

BIOROCK®
is the best system
for treatment of
wastewater.

BIOROCK was established in 1988 and is an internationally acclaimed and experienced company leading in compact sewage water treatment technology.

BIOROCK systems have already been installed worldwide. Our proven performance leads to trust, which is the basis of our success.

Significant savings through very low maintenance and running costs:



No energy costs for the treatment process: Cost savings per year *: £60 to £100*



Long emptying intervals of the primary tank: 3-4 years only. Cost savings per year *: £200



Minimal maintenance and repair costs. Not prone to failure. No breakdowns, thus no need for expensive spare parts.



Save up to £300 per year*

*compared to a conventional wastewater treatment plant



Unique advantages:

- ✓ Completely odourless and silent
- ✓ Excellent treatment performance
- ✓ Free Initial Consultation
- ✓ Installation supervised by trained BIOROCK® Certified professionals



Call us on

www.biorock.co.uk



25
YEARS
WARRANTY

RIBA
Product
Selector



BIOROCK® UK - 5300 Lakeside, Cheadle Royal Business Park, Cheadle, Cheshire SK8 3GP



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sewage water treatment