Sewage Treatment Plant
Compact and Non-Electric

- Non-Electric
- No running costs
- Totally silent
- Odourless
- Small footprint

Waste water
Pure as nature

BIO ROCK
waste water treatment
BIOROCK®, the system that meets all your needs!

**LET’S COMPARE**

<table>
<thead>
<tr>
<th>TRADITIONAL SEWAGE TREATMENT SYSTEMS</th>
<th>Reed beds</th>
<th>Electric plant</th>
<th><strong>BIOROCK®</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Compact, small footprint</td>
<td>✗</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Odourless</td>
<td>✗</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Not dependent on soil conditions</td>
<td>✗</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Tolerates variable loading conditions</td>
<td>✓</td>
<td>✗</td>
<td></td>
</tr>
<tr>
<td>The treatment process does not require energy</td>
<td>✓</td>
<td>✗</td>
<td></td>
</tr>
<tr>
<td>Long absence periods possible</td>
<td>✓</td>
<td>✗</td>
<td></td>
</tr>
<tr>
<td>No mechanical components: no breakdowns</td>
<td>✓</td>
<td>✗</td>
<td></td>
</tr>
<tr>
<td>Silent</td>
<td>✓</td>
<td>✗</td>
<td></td>
</tr>
</tbody>
</table>

**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
BIOROCK®, the system that meets all your needs!

**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 treatment process does not require any electricity, leading to costs savings
- No mechanical or electrical components = no power consumption

**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 log absence periods up to six months. Go on holiday with peace of mind!

**Enjoy the silence - no moving parts**
- Pre-filter - retains the solids in the Primary Tank.

**The BIOROCK® Media does not clog**
- The overflow alarm operates in the event of a discharge problem.

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

*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