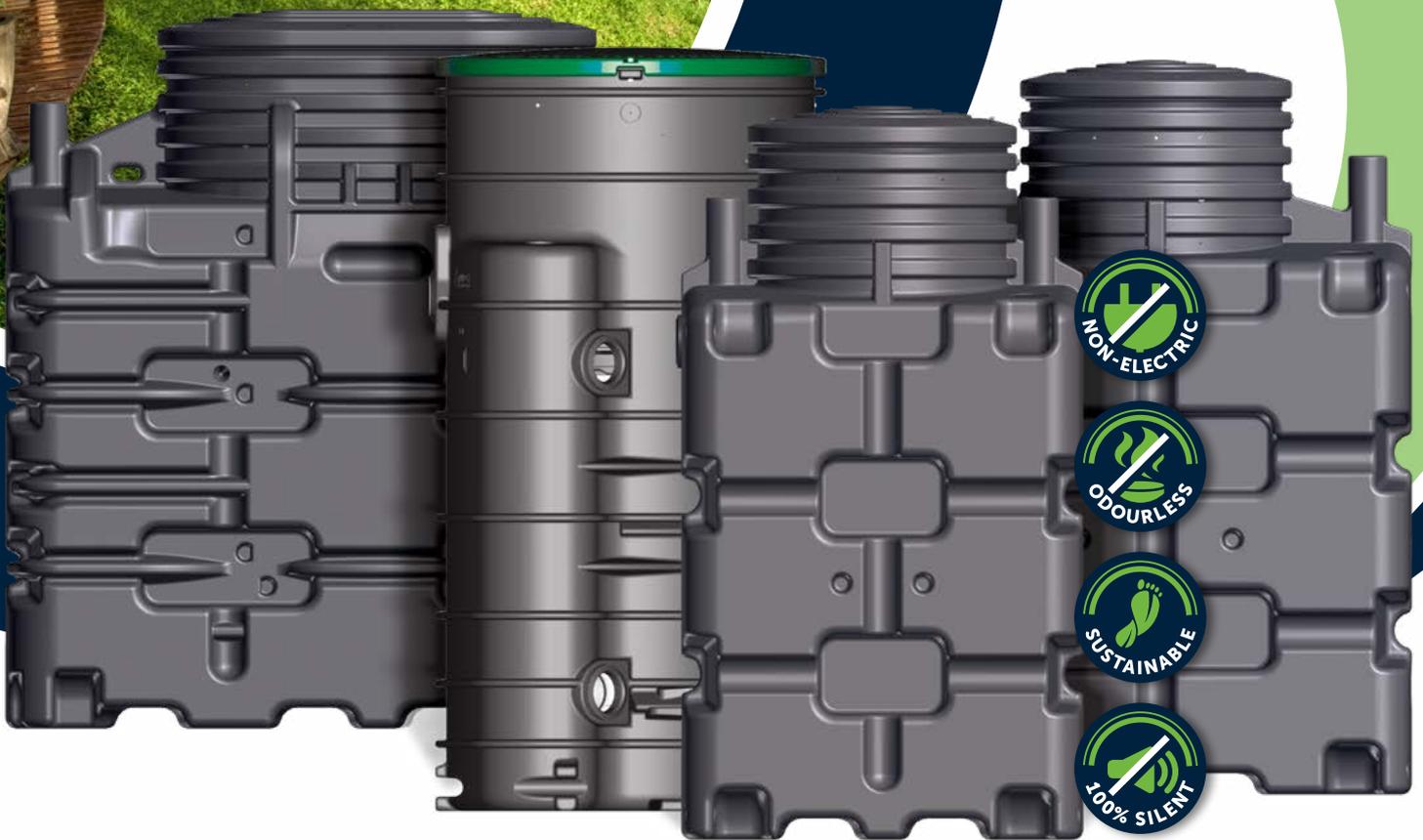


ECOROCK

NON-ELECTRIC WASTEWATER TREATMENT

The Innovative System



BIOROCK

engineered for tomorrow



THE FUTURE OF WASTEWATER TREATMENT

BIOROCK is home to an internationally-acclaimed team of wastewater specialists who share the goal of providing innovative, sustainable, and eco-friendly water treatment systems.

Our level of expertise and attention-to-detail guarantees only the best, most reliable products, providing the market with the ultimate non-electrical wastewater treatment technologies.

ADVANTAGES AND BENEFITS OF THE ECOROCK SOLUTION

- ECOROCK ■
- Electrical Plants ■
- Organic Media Plants ■

THE ECOROCK SOLUTION

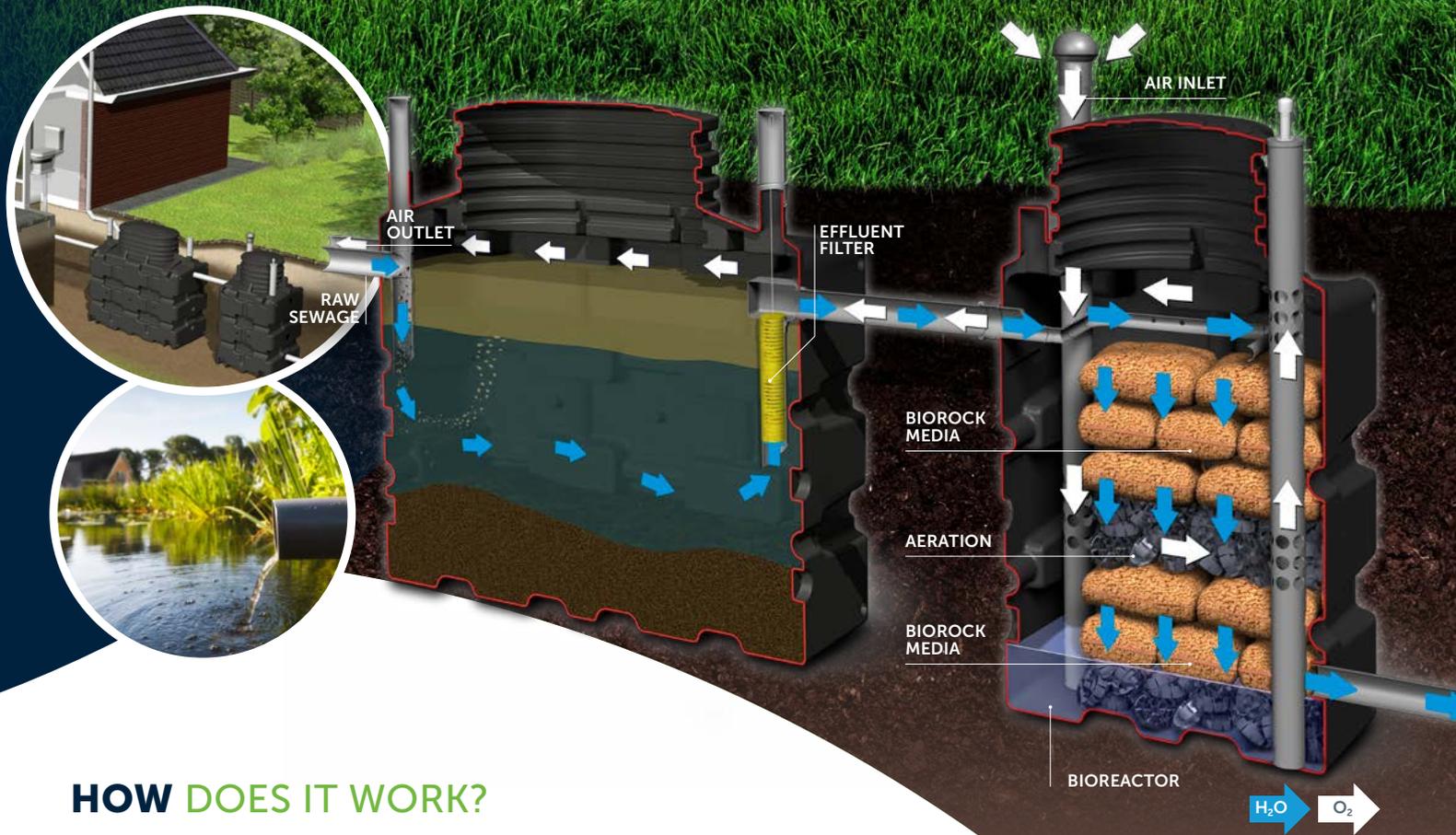
Our **ECOROCK system** is the perfect solution for your home wastewater treatment. It is totally silent, odourless and is barely visible

With a capacity for 4 to 15 persons, this innovative sewage system is particularly ideal for your home wastewater treatment.

ECOROCK combines everything you need to successfully and cost-effectively treat your wastewater, while keeping your house sewage system hygienic and eco-friendly.

Do you already have a functioning primary tank and just want to **retrofit your treatment unit**? No problem! Our ECOROCK solution fits most of the primary tanks on the market.

Media Lifespan Is Up To 10 Years	✓	✗	✗
Low Operational Costs	✓	✗	✗
Minimal Annual Maintenance	✓	✗	✗
Effortless Installation	✓	✗	✗
Non Electric	✓	✓	✗
Long Septic Tank Pump-Out Intervals	✓	✓	✗
Odourless	✓	✓	✗
Silent	✓	✓	✗
Long Absence Periods	✓	✓	✗



HOW DOES IT WORK?

Step 1: Primary Tank

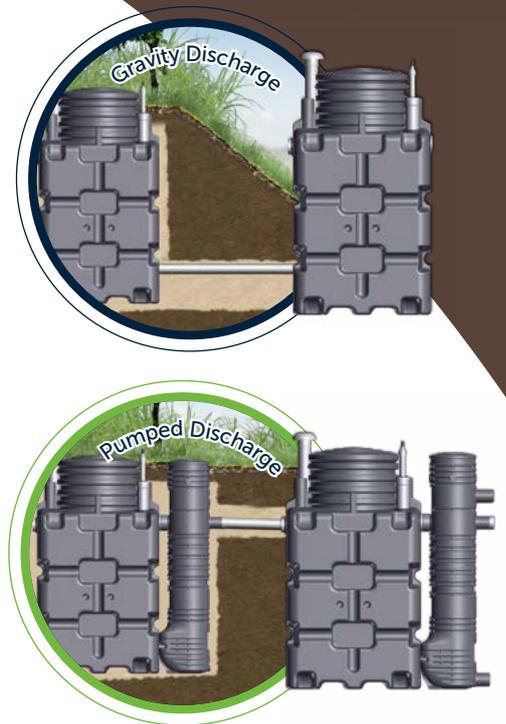
The PRIMARY TANK clarifies the sewage water by fats, oils, greases and organic solids. The sewage then passes through an effluent filter, before discharging into the BIOROCK reactor.

Step 2: BIOREACTOR Process

Our BIOREACTOR further purifies the pretreated wastewater using a biological process. To naturally treat the wastewater, our systems use our unique BIOROCK Media, an exclusive and very efficient carrier material for bacteria.

Step 3: Discharge

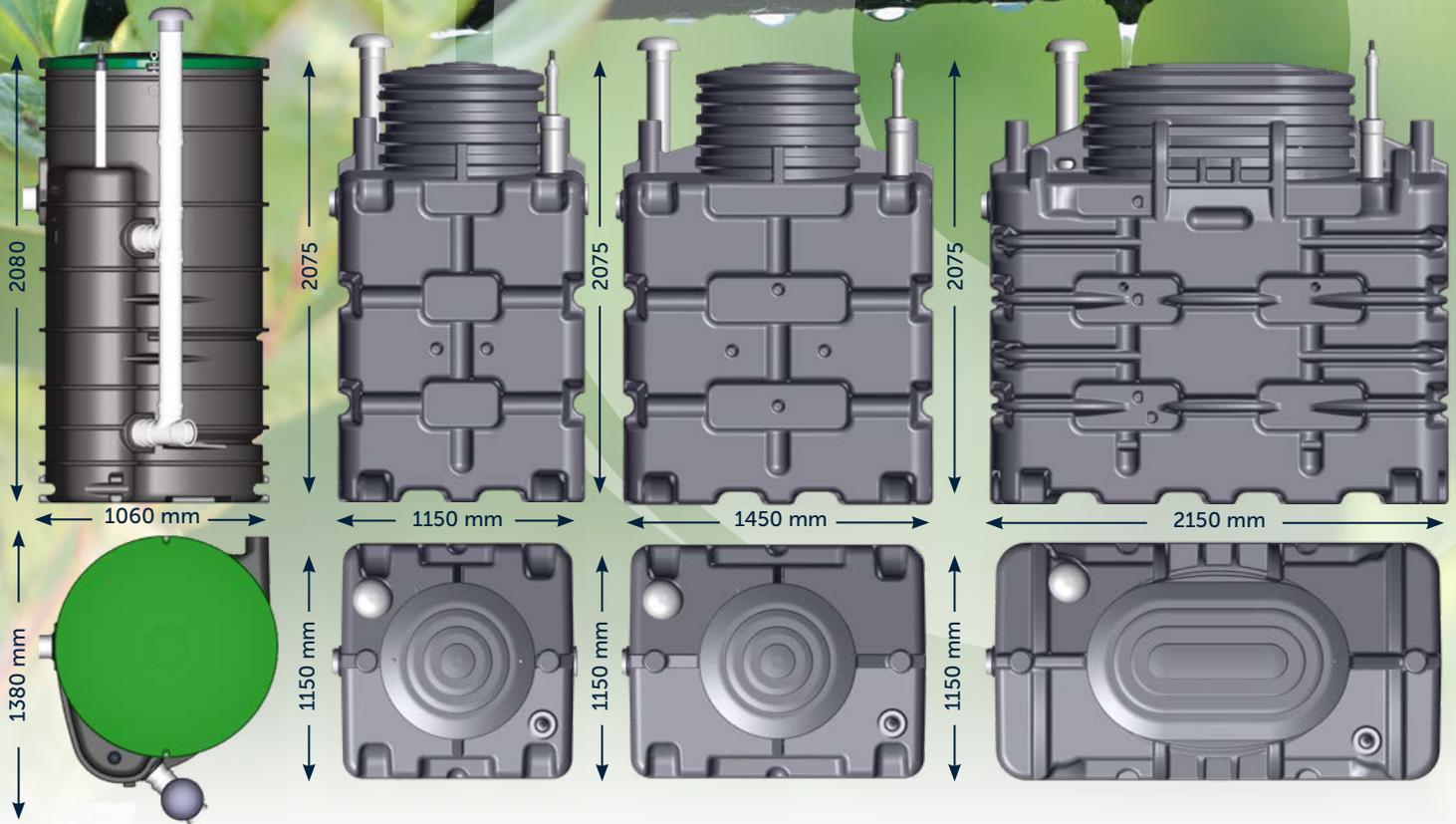
Depending on the ground type, effluent will be discharged by gravity, or by a pump.



THE UNIQUE BIOROCK MEDIA

Our **exclusive media** is degradation-resistant, stable and sustainable - keeping the purification system working effectively over the long-term. You will exclusively find it in BIOROCK systems





ECOROCK SPECIFICATIONS

DIMENSIONS	VOLUME BIOREACTOR	WEIGHT (EMPTY)
ECOROCK-1000 (Up to 6 PE)	1000 liters	177 kg
ECOROCK-1500 (Up to 8PE)	1500 liters	197 kg
ECOROCK-2000 (Up to 10 PE)	2000 liters	232 kg
ECOROCK-3000 (Up to 15 PE)	3000 liters	304 kg

Do you need a non-electric plant with a larger capacity?
We have a solution for every project!

Find more information in our brochures for wastewater
treatment plants with capacities for 30 people and up.

SAVE MONEY WITH ECOROCK

One of the main benefits of having an **ECOROCK treatment unit** is that it's a sustainable and economical investment. Our system requires minimal maintenance, does not need electricity, and has a long lifespan.

You will constantly save on electricity, maintenance, and tap water costs as you can reuse the purified water for irrigation.

BIOROCK
engineered for tomorrow

ECOROCK-ZA-12/2022

Contact us today for a **FREE** project consultation

+27 (12) 947-9794
hello@biorock.co.za

or visit

www.biorock.co.za



CE BIOROCK units are approved and tested by many International Standards.



25 Year warranty on tanks
10 Year warranty on media

**subject to conditions*