

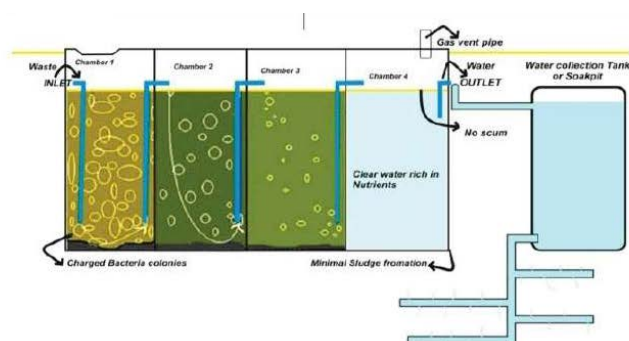
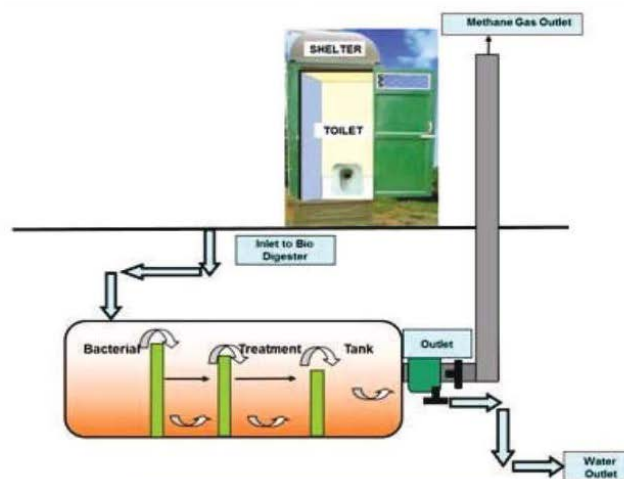
# Mykrobak Biotoilet

## What is Mykrobak Biotoilet?

Mykrobak Bio Toilet is a consortium of specially selected microorganisms which are natural and safe. These bacteria degrade human fecal waste into simpler compounds, the bio- degradation process is set off in the toilet chambers - the bacteria consumes the organic matter (human excreta) and produce methane gas, Carbon Dioxide and water as byproducts. Mykrobak Bio toilet Bacteria releases enzymes that further helps to breakdown the complex proteins into simpler form.

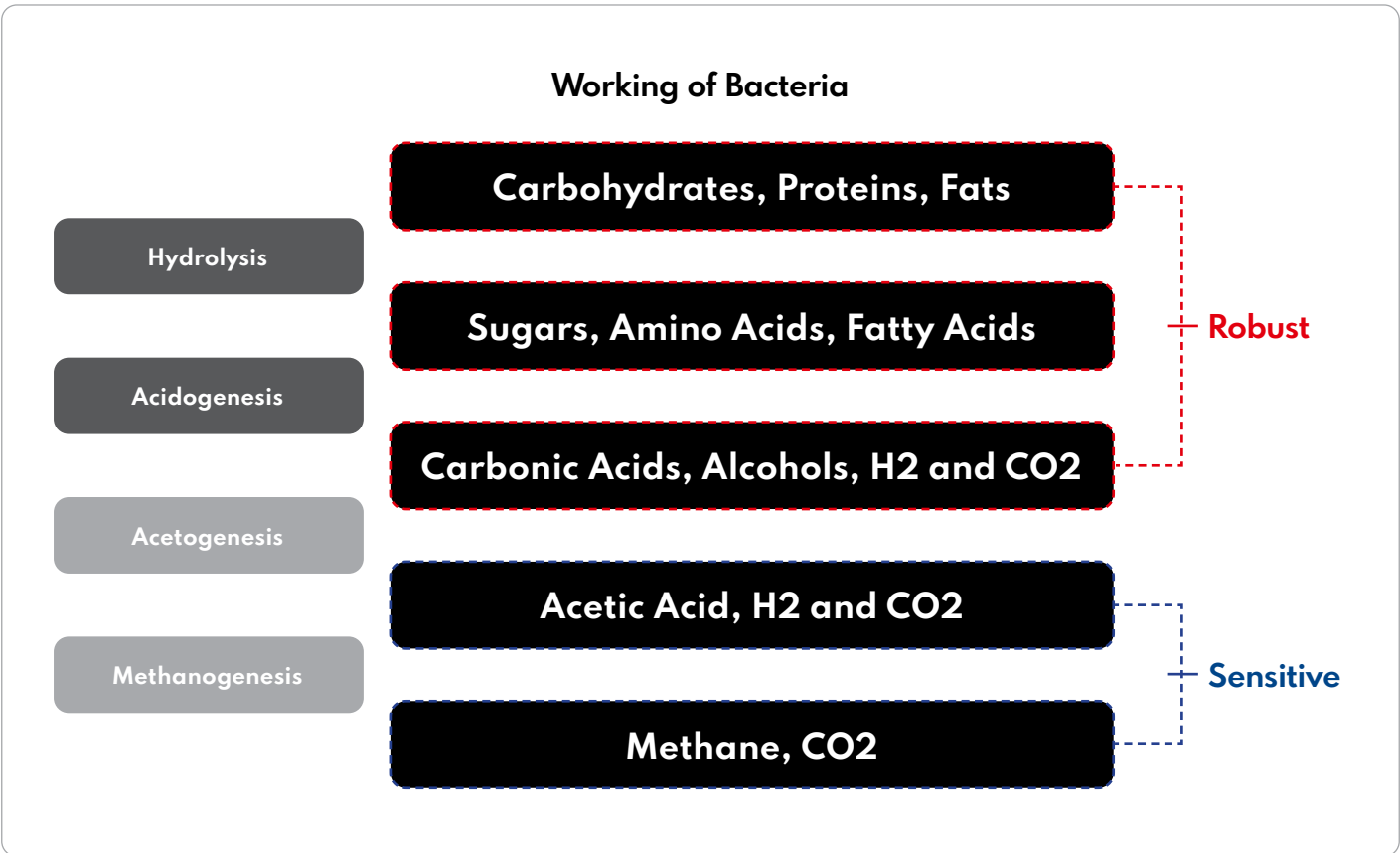
Microbial digestion by Mykrobak is done in different stages bacteria in digester chambers. This is the simplest and the cleanest way to digest waste into methane and CO<sub>2</sub>.

## Bio Digester – SCHEMATIC DIAGRAM





Mykrobak bio toilet give specific tendencies to digester that helps to increase the sewage holding period for long time which results to give better water quality from the outlet. The combination of different facultative anaerobes, cold loving, Acetogenic and methanogenic bacteria provides specific strength to our product for degrading faecal matters at very low temperature to high temperature as well.





### Benefits of Mykrobak Biotoilet

- Blend of various acclimatized microbial strains, no fermentation required
- Degrades fecal sludge fastly and reduces foul Odour
- Suppresses harmful bacterial growth
- Rapid multiplication of healthy bacterial colonies for faster commissioning
- Degrades organic waste into methane, CO2 and liquid
- Good performance at extremely low and high up to 60°C
- Non-pathogenic and non-hazardous to human beings
- Eco friendly and naturally safe bacteria
- No effect of cleaning chemicals phenyl, detergent, kerosene up to certain limit
- Control back flow and overflow of digester tank. Due to less dilution ratio, it provides 98% digester space for use which increases sewage holding time, hence outlet quality improves. Bacteria form colonies inside the pipeline which helps to protect from clogging and blocking of pipes
- Powder form is easy to store, handle and transport
- Overall digester commissioning cost reduces up to 75%
- Shelf life of 24 months provides long lasting life of product
- 1 kg Mykrobak bio toilet powder required to commissioning of 1000 liters of digester tank

Performance properties	
PH	6.5 - 7.5
Temperature	5 to 55°C
Reactivation Rate	99% After addition to water
Concentration	Highly Concentrated
Shelf Life	2 years

Physical properties	
Appearance	Off White Colour
Physical State	Powdered Form
Odour	Odourless
Moisture Content	6-7%
Mesh Size	0.6 mm
Packaging	1 kg Aluminum zip lock

### Dosage Schedule

Mix 1 kg Mykrobak Bio toilet powder for 1000 liter Biodigester tank.

### Area of Application

- Bio toilets
- Portable toilets
- Community toilets
- Septic tanks

### Application Matrix

1. Mix Mykrobak 1 kg powder in 20 Liter water (Prefer normal temperature).
2. Stir well and remain in bucket for 30 minutes (for bacteria activation)
3. Directly Dose at inlet of toilet seat or WC.

