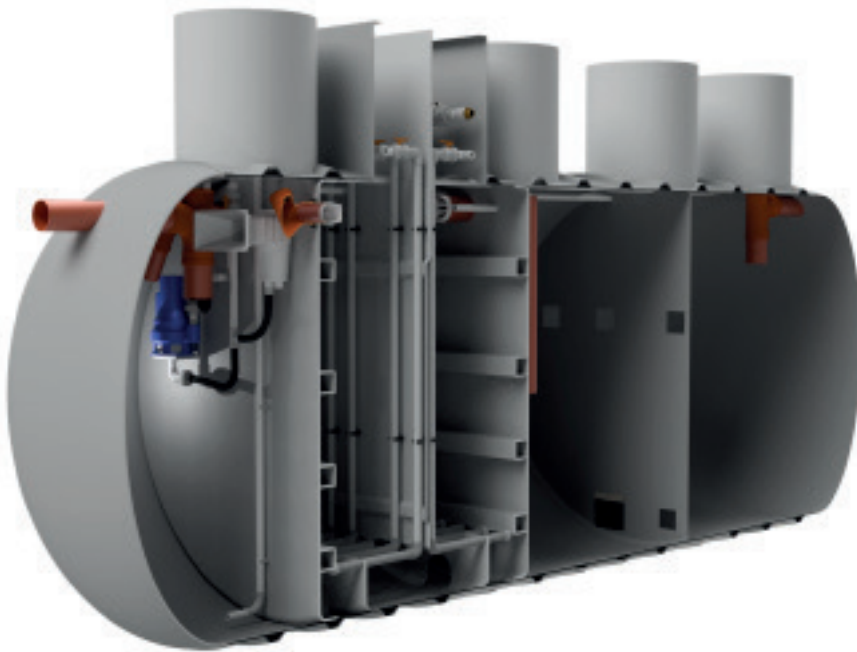


# Ecoprocess™ MBBR

## Moving Bed Biofilm Reactor



ENERGY  
SAVING



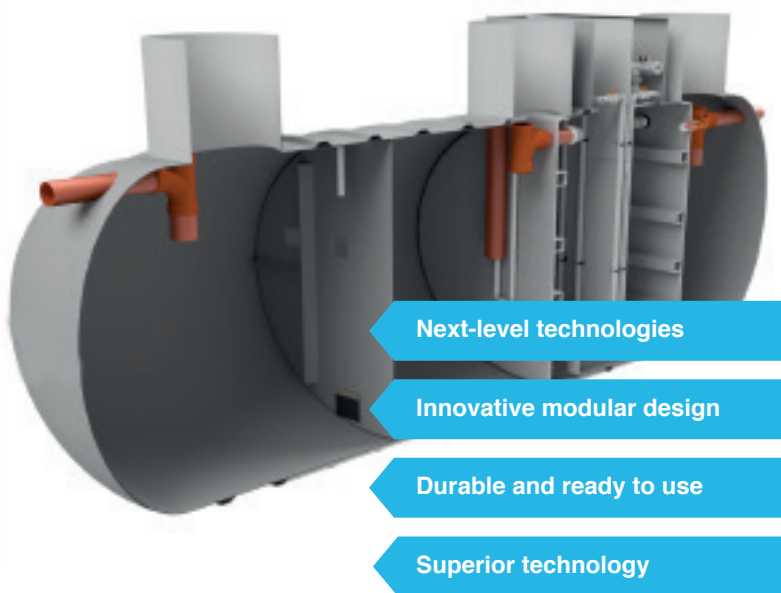
SMALL  
FOOTPRINT



ROBUST &  
DURABLE

## Wastewater treatment solutions tailor-made for large projects

Combining high performance with a compact and robust design, the Ecoprocess™ MBBR is ideal for projects with tight controls on hydraulic loading and effluent concentrations.



### Automated features

Reduced operating costs

### Scum layer skimmer

Minimizes sludge buildup

### Optimized oxygen input

Improves efficiency and reduces aeration costs

#### 1 Primary anoxic settlement zone

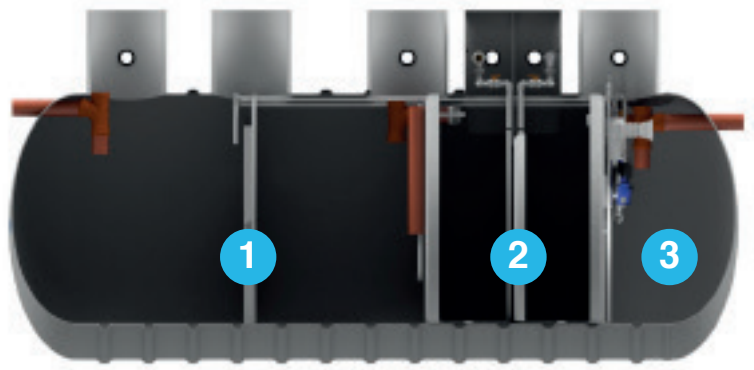
- Retains large, hardly and non-degradable solids
- Restricts solids from entering biozone
- Balances flow

#### 2 Aerobic biozone

- Converts dissolved organic material into inert CO<sup>2</sup> and clean water
- Aeration moves plastic media and self cleans bacterial supports

#### 3 Humus settlement zone

- Separates liquid from solids
- Transports accumulated sludge back to the primary settlement zone



With sturdy GRP construction, the Ecoprocess™ MBBR is built to last. Pedestrian duty covers and access manways are pre-supplied for improved safety and ease of maintenance.

Parameters	Primary Settlement Zone Influent Concentrations	Humus Settlement Zone Effluent Concentrations
Organic matter	400	20
Suspended solids	200	30
Ammoniacal nitrogen (NH <sub>4</sub> -N)	53	5



### Ideal for:

- Caravan parks
- Service stations
- Residential developments
- Projects where space is limited
- Hospitality sites (hotels, inns, and restaurants)
- Light industrial effluents (breweries and wineries)

### Maintenance

A full suite of services is available through Premier Tech Aqua's extensive network of trusted service partners.

### Warranty

All GRP tanks come with a standard 20-year warranty. Individual product and part warranties are available upon request.



Premier Tech Aqua

2 Whitehouse Way  
South West Industrial Estate  
Peterlee, Co Durham  
SR8 2RA UNITED KINGDOM

T. +44 (0)191 5878650  
ptauk-sales@premiertech.com  
PREMIERTECHAQUA.CO.UK

