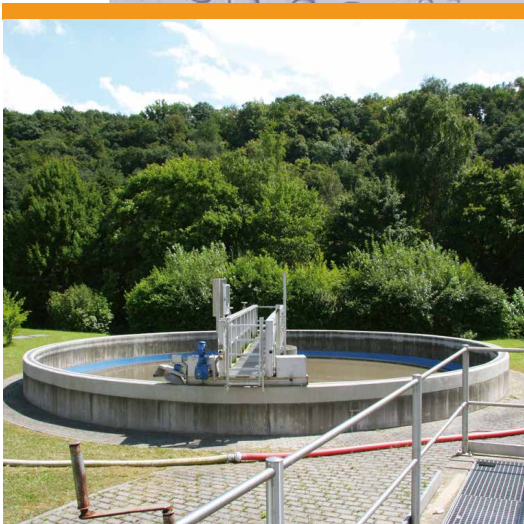


**PORET**[®]
aqua

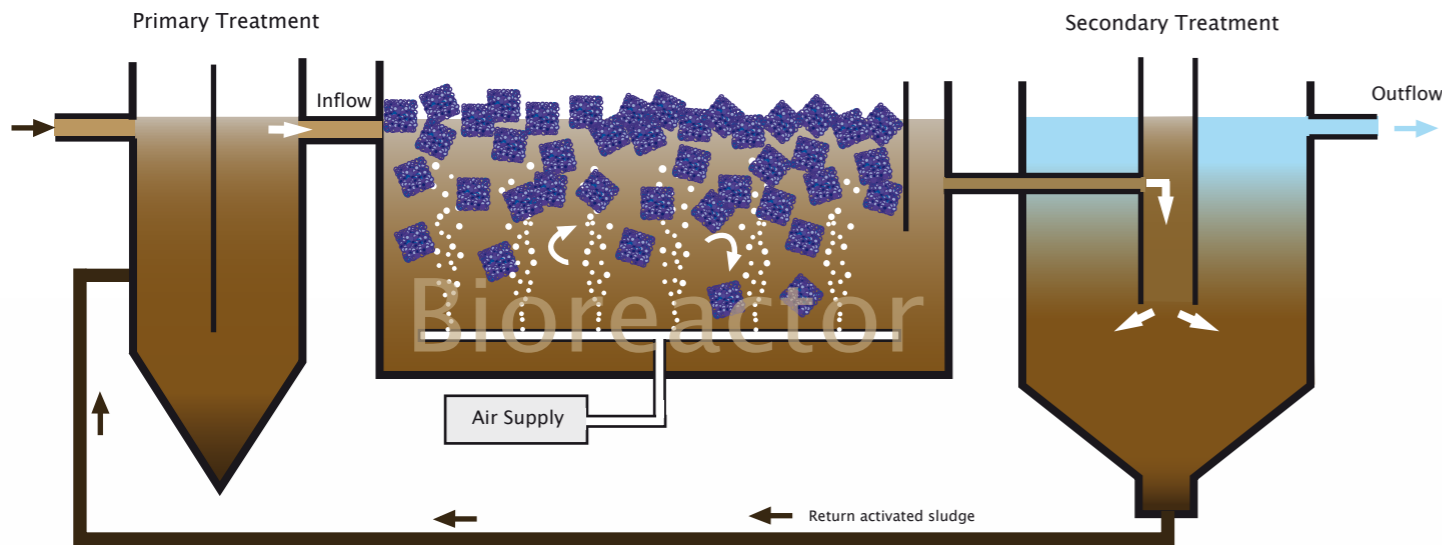


The carrier material for
biological wastewater treatment

Excellence in filtration

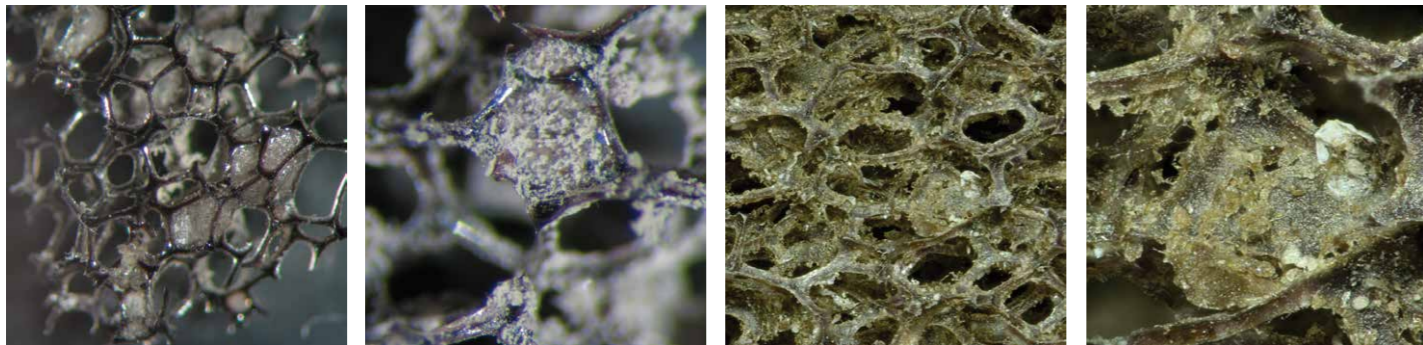
PORET[®] aqua

Biological wastewater treatment
using the fluidized bed process



The fluidized bed process combined with **PORET[®]aqua** has proven to be a highly effective method of wastewater treatment. With a very low amount of oxygen supplied, the **PORET[®]aqua** biofilm carrier reaches a state of permanent suspension.

Effective pollutant degradation and secondary sludge reduction



In combination with the treatment process, **PORET[®]aqua** achieves a high concentration of active microorganisms in the system, thus reducing the amount of secondary sludge.

Resistant to abrasion

Whether in communal or industrial projects, in plastic or concrete containers, **PORET[®]aqua** is resistant to abrasion as per DIN EN 12255-7:2002 and DWA-M221.

Reference for communal wastewater treatment



PORET[®]aqua after two years' use in a concrete bioreactor. There are no visible signs of clogging or wear on the carrier material.



Large effective surface

PORET[®]aqua has an effective usable surface of 1,000 m²/m³. The specific surface structure of the carrier material increases the active biomass. The valuable bacteria cultures are retained in the system and ensure stable operation of the system at all times.

Surface of
PORET[®]aqua

Surface of
conventional
carrier material



... High pollutant loads?
... High costs of sludge disposal?
... Instability of the plant?

Order the solution now!



The carrier material for biological wastewater treatment for new and existing wastewater treatment plants

Application examples:

- **Small- and large-scale communal wastewater treatment plants**
- **Ship sewage treatment plants**
- **Grey water recycling**
- **Car wash systems (process water recycling)**
- **Fish processing**
- **Gastronomy (lipophilic substances)**