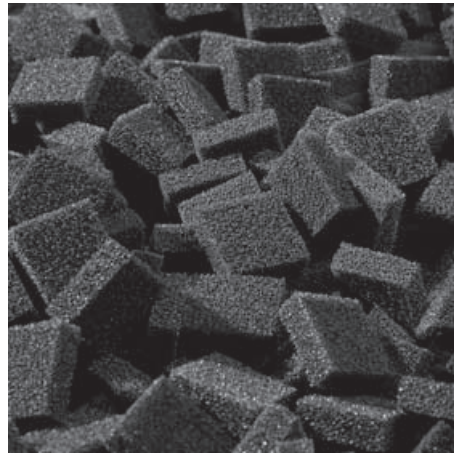


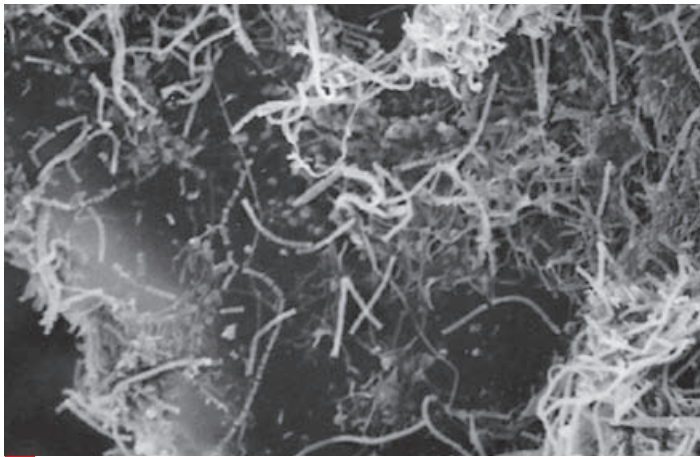
INNOVATIVE BIOCARRIERS



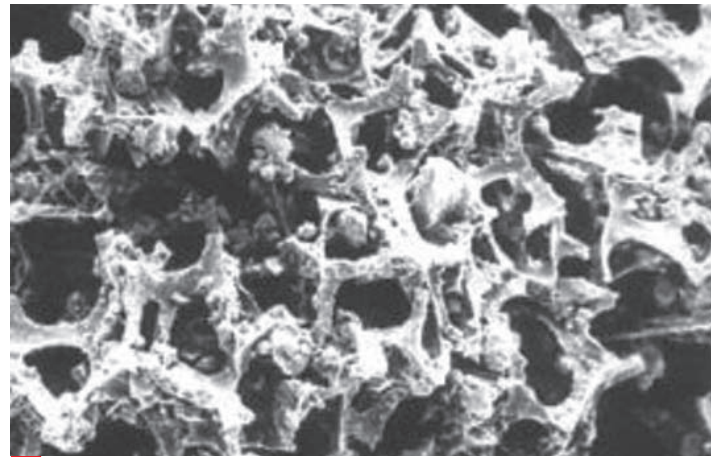
Featuring flexible qualities
for tailure-made solutions
for a wide range of use
in biological wastewater
treatment



VODACZ



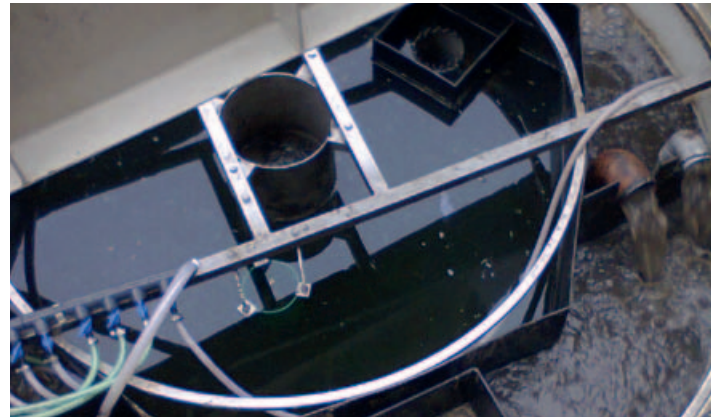
Biomass on the carriers



Biomass on the carriers



Pre-application



Post-application

HIGHER EFFICIENCY AND STABILITY OF BIOLOGICAL PROCESSES

Achieved through fast carriers colonization required for microorganisms. Carriers are porous, flexible, floating polyurethane foam cubes impregnated by absorbing pigments.

APPLICATION

For biological treatment of municipal and industrial sewage waters, especially in nitrification / denitrification and removal of permanent and dangerous pollutants.

OUR PROCEDURE

- › Problem analysis
- › Detailed assessment of possible solutions and tests implementation
- › LEVAPOR production and supply
- › Device activation using optimized biomass mix

BENEFITS

- › 50 – 400% higher efficiency of biological treatment compared to suspended biomass systems
- › Proven higher process stability
- › Proven lower production of residual sludge
- › Lower amount of carriers required (12 – 15% of the reactor volume) compared to competitors (30 – 70% of the reactor volume)
- › Simple technology with possible application in the existing device

Furthermore, we provide services in tailor-made solutions design and proposals based on our forty year-long expertise in biotechnology research as well as practice.

VODACZ

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