

# **COUGAR COATINGS** Estd. 1988 **WASTEWATER DIVISION**

Supplying unique solutions for the water and waste water industry



---

## **BIO-BLOK® INTELLIGENT FIXED FILM BIOLOGICAL FILTER MEDIA**

---

### **Submerged, Aerated Filters**

The amount of microorganisms decides the removal rate in treatment plants. An increase of microorganisms can be achieved by installing BIO-BLOK®. By applying the BIO-BLOK® products, a large surface will be established on which the microorganisms fix. Thus the amount of microorganisms in the treatment plants increases, hence removal rates and plant capacity increase significantly.

#### **Advantages:**

- Cheap and fast installation by means of submerged aeration pallets.
- The efficiency in a treatment plant can increase by up to 400% without extending the reactor volume.
- By applying submerged aeration pallets, control is ensured and replacement of air diffusers can easily be done without interrupting the treatment plant.
- The fixed film technology ensures stable operation, tolerates large fluctuations in load, and is less sensitive towards acute toxic shocks.

#### **Fields of application:**

- New treatment plants.
- Increase of treatment capacity in existing treatment plants.
- Improvement of operation and treatment processes in existing treatment plants.
- Small modular treatment units from 5 PE and up.

Treatment plants for industries, recycling, and pre-treatment.

**VAT Registration Number 491201374**

**HEAD OFFICE:** 4 Mill Hill, Gamlingay, Sandy, Bedfordshire SG19 3LW Contact details 01767 651151-  
Fax: 01767 651269 e-mail: [andygostling@cougarwastewater.co.uk](mailto:andygostling@cougarwastewater.co.uk)