



04-6350883

Shahak Industrial Park

office@benchmark-tec.com



BENCHMARK TECHNOLOGIES

Benchmark Technologies is the exclusive representative in Israel of leading international companies:

- **Donau Carbon GmbH** (Germany) that specializes in activated carbon
- **Aldex Chemical Company Ltd.** (Canada) that specializes in resins
- **John Cockerill Environment** (France) that specializes in engineered air treatment solutions.

AREAS OF ACTIVITY

Activated carbon- Donau Carbon GmbH

- *High quality activated carbons and innovative solutions to the benefit of our customers.*
- Over 100 different types of activated carbon
- Raw material: charcoal, bituminous coal, wood, coconut shells, olive stones, fruit stones, peat etc..
- Product forms: powder, granules, and cylindrical pellets.



AREAS OF ACTIVITY

Activated carbon- Donau Carbon GmbH

- Applications: water purification, protection of RO membranes, sewage purification, gas purification, alcohol purification, pharmaceutical production processes, air filters in gas masks, air filtration masks and more.
- Benchmark Technologies holds stock in Israel, backed up by Donau Carbon's warehouses in Germany and across the globe. This ensures fast and uninterrupted supply of activated carbon to all our customers.

AREAS OF ACTIVITY

Ground Water Rehabilitation

- Often polluted with volatile chlorinated hydrocarbons and other organic solvents or organic substances introduced for agricultural purposes.
(tri- and tetrachloroethylene (per), dichloromethane and 1.1.1-trichlorethane)...
- The rehabilitation of groundwater contaminated is almost always carried out using Activated Carbon



AREAS OF ACTIVITY

Ion Exchange Resins- Aldex Chemical Company Ltd.

- Applications: water softening, production of pharmaceutical and chemical substances, production of sweeteners, production of dairy products and drinks, catalysis, metal mining, nuclear applications, biological fuel production and more.



AREAS OF ACTIVITY

Ion Exchange Resins- Aldex Chemical Company Ltd.

- The resins of Aldex Chemical Company are produced without the use of chlorinated solvents, resulting in very low TOC values.
- Aldex Chemical Company has advanced R&D capabilities enabling it to develop resins that are custom made to customers' specific needs.





AREAS OF ACTIVITY

Air pollution control- John Cockerill Environment

- specializing in air de-pollution processes since 1993
- designs and puts into operation made to measure solutions for treating corrosive, noxious and smelling gaseous waste, via a number of technologies including gas cleaning, adsorption by activated carbon and bio-filtration.

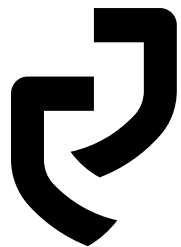




AREAS OF ACTIVITY

Air pollution control- John Cockerill Environment

- activities to all industries (aeronautical, automobile, light and heavy chemicals, agribusiness, electroplating...) along with public facilities (purification plants, waste sorting centers, compost centers, hospitals, research laboratories...) across the whole world.



**John
Cockerill**





AREAS OF ACTIVITY

Reactivation of activated Carbon- Reactive Ltd.

- Benchmark Technologies cooperates with Reactive, a company that operates a plant in the north of Israel for the reactivation of spent activated Carbon.
- Reactive was established in response to the need of plants throughout Israel to preserve the environment while still retaining their efficiency and maintaining a financial edge.





AREAS OF ACTIVITY

Reactivation of activated Carbon- Reactive Ltd.

- The Reactive plant was built with the support of the Ministry of Environmental Protection with the purpose of reducing the industrial waste as well as the costs of production processes.
- Reactive offers an alternative high quality and effective solution. The reactivation process takes several days after which the reactivated carbon is returned to the customer.





AREAS OF ACTIVITY

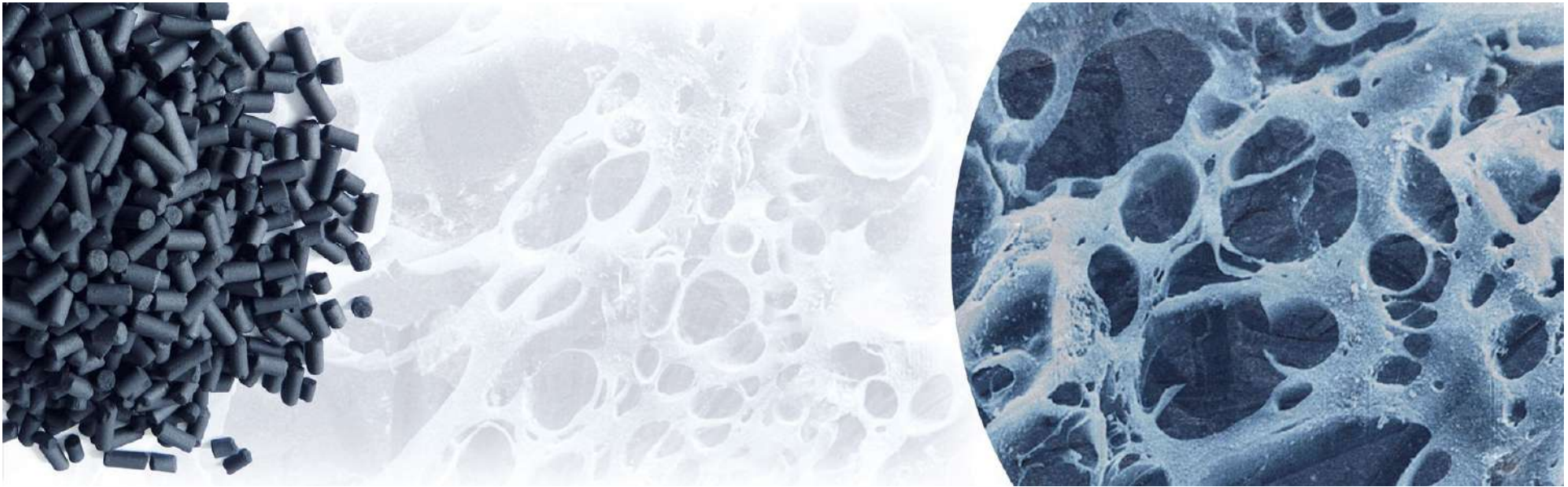
Reactivation of activated Carbon- Reactive Ltd.



SERVICE AND SUPPORT

- Supply of filtration systems
- Design of filtration systems
- Filling and emptying of filters
- Disposal of materials that cannot be recycled
- Lab tests for activated carbon
- Consultancy and support for filtration systems





Thank You for your time and attention