



Donau Carbon US

*High Quality Activated Carbons
and Innovative Solutions*

About Donau Carbon

Since the early days of 1920 large-scale activated carbon production has steadily increased in importance to industry. Continual improvement and optimisation of production processes and new raw materials have led to the advanced level of adsorption technology in use today.

Donau Carbon, which is part of the Donau Chemie Group, is a leader in the activated carbon business with over 100 years of experience with the development, sale and industrial use of activated carbon and with the construction of plants in which it is used.

Activated carbon lies at the heart of a number of different processes used in the industry. Environmental problems affecting air and water are solved through the use of activated carbon, and new applications are being continually developed in rapid succession.

Our application engineers and our special laboratory for adsorption technology are available to provide further information and consultation on specific technical problems.

Donau Carbon operates activated carbon production plants for coconut shell and wood base carbon as well as reactivation and impregnation facilities in Germany, Austria, United States and the Philippines.

Activated Carbon and other Adsorbents

Donau Carbon supplies more than 100 different activated carbon products worldwide.

Our portfolio comprises a wide spectrum of powdered, granular and extruded activated carbon grades based on various raw materials and activation processes.

Our program meets the needs of our customers, using activated carbon for odor control, natural gas treatment, solvent recovery, potable & waste water treatment, food & beverage industry and many other applications.

For special adsorption processes, Donau Carbon offers several impregnated carbons.

Furthermore, Donau Carbon provides uniquely blended adsorbents to enhance the performance and safety aspects required for specific applications, namely flue gas.



Quality Assurance

We offer specialized quality assurance systems at all our production facilities using ASTM and AWWA testing procedures.

The quality assurance systems are continually improved to incorporate the latest ISO 9001, ISO14001 and NSF protocols.



Production & Activities in the United States

Donau Carbon US operates a state-of-the-art manufacturing facility in northern Florida, centrally-located to highway, rail and port transportation infrastructure.

Besides its own activated carbon production and milling, Donau Carbon US reliably imports, trades and ships activated carbon to a variety of US and international customers.

Donau Carbon US sources 100% of its raw wood feedstock from sustainable, locally sourced resources. Our unique steam activation process produces activated carbon from these reclaimed resources in an environmentally sensitive manner, while maintaining superior adsorption qualities that make Watercarb, Watercarb-800, Stratocarb and AgCarb such reliable and effective products.



Donau Carbon activated carbon products are used in a wide range of applications.

Air and Gas Cleaning

- Removal of odors, VOCs and H₂S
- Solvent recovery, flue gas mercury removal, natural gas purification / storage
- Biogas and air purification

Water Treatment

- Municipal water treatment with NSF 61 Certification
- Point-of-Entry (POE) and Point-of-Use (POU) meeting Prop 65 protocol
- Wastewater and landfill leachate
- Swimming pool and aquarium

Liquid Purification

- Food and beverage
- Chemical and pharmaceutical
- Industrial and process liquids

Special Applications

- Gold industry
- Cigarette filters
- Catalyst Support
- Cabin air filtration

Impregnation and Customization

- Catalytic Carbons
- Specialized impregnation for mercury, H₂S, acid gases, ammonia, radio-iodine etc.
- Sieving, blending, crushing and grinding to meet precise particle size distributions controlled by laser diffraction analysis



Portfolio

Activated Carbon and Other adsorbents

- Worldwide supply of activated carbon and other adsorbents
- Impregnation and post activation refinements
- Quality assurance through internal laboratories

Green Production of Activated Carbon

- Steam activation of a variety of renewable raw materials including coconut and wood
- Use of reclaimed wood by-products from local industries

Application Technology

- Technical application support
- Determination of operating parameters
- Laboratory analysis and evaluation

Service

- Lease and Sale of mobile and stationary adsorbents for air/waste air cleaning and treatment of liquids
- Exchange of Activated Carbon and sieving services
- Filter dimensioning
- Development of logistics, operating and service concepts



Donau Carbon worldwide



- Stammhaus / Headquarters
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Malaysia
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Represented by Group Company Donauchem in:

Austria
Czech Republic
Hungary
Poland
Romania
Serbia
Slovakia

