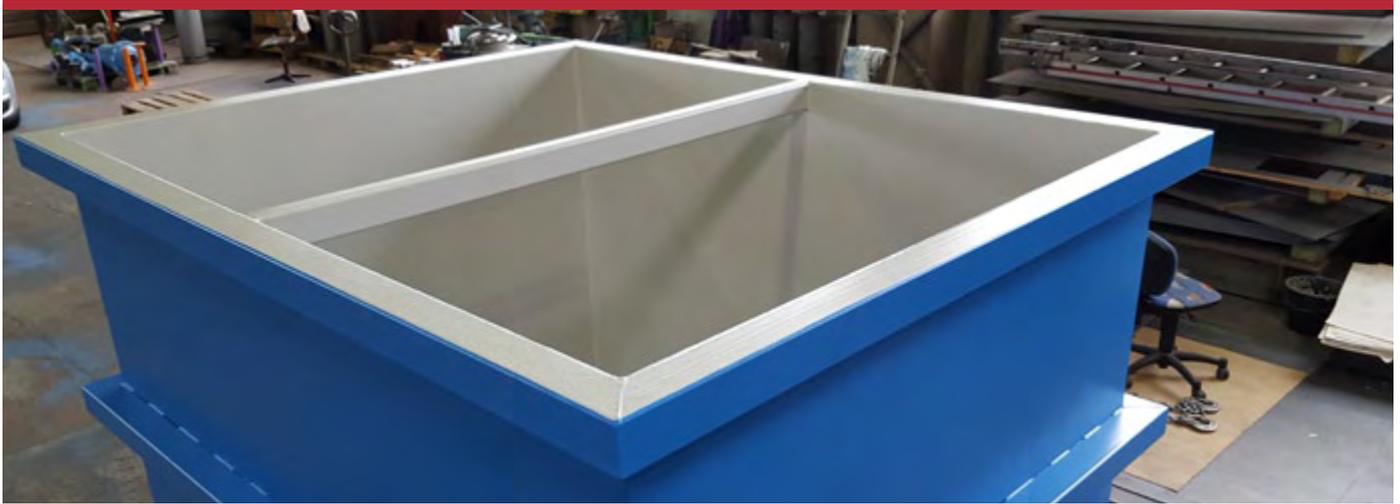


Coatings for Tanks and Vessels:

Coating of two activated carbon filters and a collection container for a service water system of a parking garage

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Heidenheim/Germany: The company W.T.S.-Ludwig Ltd. fabricates complex devices and tanks for filter technology and water treatment as well as large steel constructions. Furthermore, coating applications for effective corrosion protection are conducted professionally. For the water treatment system of a parking garage in Berlin, special tanks were coated internally with our system PROGUARD CN 200.



Our internal coating provides excellent chemical resistance and temperature stability. But equally important for this application case is the extremely good abrasion resistance of PROGUARD CN 200.

Usually, sharp-edged granular activated carbon (GAC) is used for water purification; conventional coatings would be damaged rapidly by the durable friction.

Project

Rectangular tank:

1 collecting container – L: 250 cm, W: 200 cm, H: 180 cm

Circular tanks:

2 activated carbon filter vessels – H: 180 cm, DIA: 150 cm

Construction of the tanks and application of the coating:

W.T.S.-Ludwig Ltd., Heidenheim/Germany

Product requirements:

High chemical and abrasion resistances

Coating product: PROGUARD CN 200



W.T.S. - Ludwig

Our partner for complex construction of steel buildings and apparatus:

W.T.S.-Ludwig Ltd.

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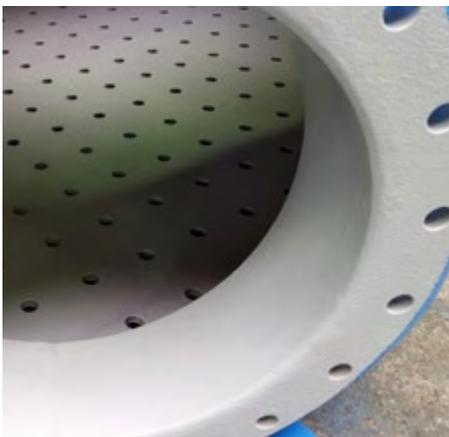
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Our Product:

- PROGUARD CN200



In Germany, the Waste Water Ordinance forbids the disposal of toxic substances into the sewage system. Service water from the parking garage, which is contaminated with oil residues and chemical detergents, must not get into effluents without filtering. Thus, a suitable collecting container and 2 big activated carbon filters are applied for the cleaning of the process water in the car park.

Beside the excellent physical properties, our solvent-free coating system PROGUARD CN 200 features a very simple treatment. After blast cleaning, the product is applied directly onto the steel by normal airless spraying method. The ceramic filled PROGUARD CN 200 facilitates a uniform and immaculate coat. One layer of 500 µm already contributes essentially to a long-lasting service life of the tanks

Do you need functional coatings for effective tank protection, which are applied fast and easily?

We gladly support you with a versatile portfolio and competent advice!

