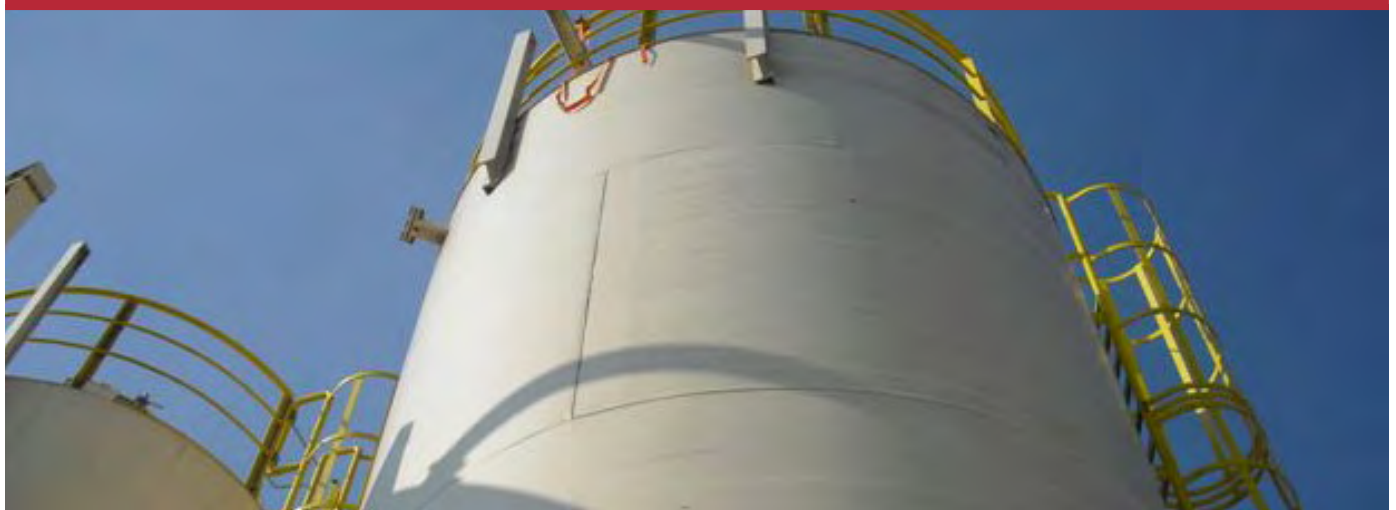


Coatings for Tanks and Pipelines:

Long-lasting protection against corrosion and abrasion – our coating Proguard CN 200 for wash water tanks in a glass wool factory

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>> For a global operating manufacturer of glass wool, the IFA Industrielle Wiegetechnik GmbH constructed specific tanks for the wash water system. Our product Proguard CN 200 was selected for the internal coating of the wash water tanks.

Wash water is used within the production process for cooling and flushing of all plant components. It also contributes to a reduction of emissions. Moreover, wash water is taken for the cleaning of forming parts. The water is thereby contaminated with residues of binding material and glass fibers.

The recycling of the process water is effected by special screens and suction mechanisms. The residual solids settle in the bottom area of the tank and are pressed into the drainage by circulation of the stirring unit. Subsequently, the sludge is being prepared for waste disposal.

During the production process, the settling tank is constantly filled. Residual materials settle, the cleaned water drains through the overflow weir and is being channeled to further storage tanks. From there, the filtered water is taken again for the fabrication procedure.

Due to the re-use of the wash water, 80% reduction of water consumption is achieved.



9 different tanks for wash water were coated with Proguard CN 200:

- 3 Vacuum vessels, each 3,5 m³
- 1 Oven tank, 5 m³
- 1 Shaker screen tank, 40 m³
- 1 Tank for filtered wash water, 80 m³
- 1 Wash water buffer tank, 100 m³
- 2 Settling tanks with stirring devices, each 160 m³

The application was carried out in one single pass – 1 layer of 600 µm – by airless spraying method!



Building and construction of special tank facilities

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Our Product:

- Proguard CN 200



Why is Proguard CN 200 the ideal choice for durable value preservation of the complex tank facilities?

High requirements regarding corrosion protection are placed in this use case. The internal walls of the various wash water tanks are exposed to an exceeding surface wear by the contained solids and glass fibers. Precisely in the bottom area of the settling tanks extreme abrasions are caused through movement of stirring devices. Only a high-performance coating can prevent permanently from wear marks and corrosion damages.

Our premium coating product Proguard CN 200 provides excellent chemical resistance and protects substantially against mechanical abrasions.

**Are you searching for a high quality coating system for highest demands?
Our corrosion experts will gladly assist you!**