

Coatings for Tanks- and Pipelines:

Internal coating of underground fuel tanks – CGH Nordic A/S, Denmark

www.ceramic-polymer.de

CGH Nordic A/S is located since 2006 in Olholm, Denmark and sells underground tank installations for different kinds of fuel (benzine, diesel, biodiesel, E85, E95, D95 and Ad Blue) according to Swedish approvals for the Scandinavian market.



The fuel tanks are produced in Bydgoszcz, Poland. The company group CGH International is the biggest manufacturer of underground double-shell-tanks for flammable liquids in Northern Europe. Furthermore, they produce pipes, pressure vessels and separators.

As internal coating of finished and ongoing fuel tank projects, our high performance product **Proguard CN 100** is used repeatedly. Beside the only single-layer application of our ceramic-polymer coating system, the major importance is placed on the outstanding chemical resistance to aggressive liquids, because after-treatment of the under-ground tanks is impossible. CGH International grants a 20-year guarantee for the embedded tanks. That shows clearly the excellent physical properties and the high-grade corrosion resistance of **Proguard CN 100**.

Coatings for Tanks- and Pipelines:

Storage tanks for transformer-oil for hydropower plant in Novodnistrovsk/Ukraine

The river „Dniester“ flows with a total length of 1352 kilometers through Ukraine and Moldova until it leads into the Black Sea. Near the city Novodnistrovsk in Ukraine, the hydropower plant „Dnestrovsk Hydro Power Station“ was built from 1983 to 2008.

For the storage of transformer-oil, which is used for insulation and cooling of the hydropower-transformers, 12 tanks were internally coated with our product **Proguard CN 200**. Transformer-oil is composed of highly refined petroleum, but increasingly the environmentally-friendly synthetic and organic ester is utilized for this purpose.



Therefore, internal coating of the storage tanks has to provide excellent chemical resistance and absolute acid resistance. Our high-performance product **Proguard CN 200** satisfies these requirements completely and guarantees the long-term durability of such special tanks.

The right external coating was our highly cross-linked polyurethane topcoat system **Proguard 169**. This product-line offers highly efficient corrosion protection and long-lasting UV stability during heavy weather conditions.

We appreciate to answer your technical questions concerning all kinds of coating and support you with our competence and best possible products.