

Coatings for Tanks and Pipelines:

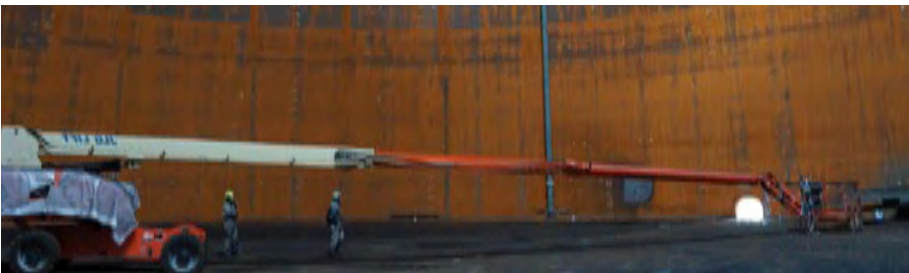
Antistatic internal coating of diesel storage tank as well as long-term corrosion protection for roof construction

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The port city of Klaipeda, Lithuania is located amongst one of the most important trading ports in the Baltic Sea. In 2013 over 33 million tons of goods were loaded. The trade of crude oil products in the region is enormous; last year more than 7 million tons, mostly from Russian refineries, were stored and exported worldwide.



The photograph depicts clear dimensions - The container before coating



In the international trading port of Klaipeda there are immeasurable colossal tanks for storage of crude oil and hydrocarbon fluids. Late last year, one of these containers was newly built. The beams of the roof structure as well as the complete interior of the container were treated with high-quality coating systems from Ceramic Polymer.

Technical Data:

- Height of the tank:** 28 meters
- Diameter:** 42 meters
- Project:** Internal coating of the tank with antistatic coating
- Coating Product:** PROGUARD CN 100 a.s.
- Application:** 2 Coats of 500 µm each



Our Partner in Lithuania

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Our Products:

- PROGUARD CN 100 a.s.
- CERAMIC-POLYMER SF/LF

Coating of the Steel Girders for the Roof Structure of the Tank

„CERAMIC-POLYMER SF/LF“ was applied in two layers of 400 µm each, to the support of the roof construction. This system is solvent-free and offers a high and reliable protection against corrosion

CERAMIC-POLYMER SF/LF complies with the ISO 20340 standards for offshore-installations. It also successfully achieved 10.000 Hours salt spray test according to DIN EN ISO 9227:2006-10 standards. These qualifications are of crucial importance, especially in applications in close proximity to the sea.



Ceramic Polymer's Coatings officially authorized for trade in Lithuania

Last year Ceramic Polymer GmbH passed a special examination.

The SPSC, an independent service institution for product registrations in Lithuania, tested our manufacturing process, quality Management and the proven first class technical attributes of Ceramic Polymer – corrosion protection products.

During the Audit the SPSC inspectors could attest to the quality of raw materials and routine production process Ceramic Polymer uses. By purchasing Ceramic Polymer products gives the customer assurance of obtaining tested and certified brand goods. Thereby, allowing a safe trade in the international market.

The standard we have achieved is: D-SPSC-GKS.

It means success and recognition for us, however, providing safety and satisfaction to our customers is our ultimate goal, an important part of our corporate philosophy.

Internal coating of the tank with an antistatistical protection system

PROGUARD CN 100 a.s.: This coating system with electrostatic dissipation capabilities was specially designed for the storage of highly flammable substances. When oxygen is present during electrostatic charging, explosive reactions may occur in the vapour phase, on the upper area of the tank. By the addition of nano-carbon fibers, conductive chains formed in the coating. These facilitate the dissipation of electric charging and prevent dangerous explosive reactions of the storage fluids.



In addition PROGUARD CN 100 a.s offers a high chemical resistance to different chemicals as well as resistance to acids, alkaline solutions pH values of 4-11. The steel surfaces of the roof and wall areas are protected in a sustainable manner even with permanent operating temperatures of up to 80°C.

