

Coatings for Tanks- and Pipelines:

Antistatic coating of storage tanks for jet fuel

Project

Renewal of the internal coating of storage tanks at the Airport in U.A.E. (United Arabian Emi-rates)

- Cylindric steel tanks with a diameter of ca. 15 meters.
- Uneven and pitting corroded bottom plates of the tanks.

Repair specification

- Fill in and smooth pitting corrosion.
- Levelling the down grade of the bottom plates to assure a central drain in the middle.
- Apply electrostatic discharging coating system with high resistance against jet fuel which deflects possible electrostatic charges safely to the ground.



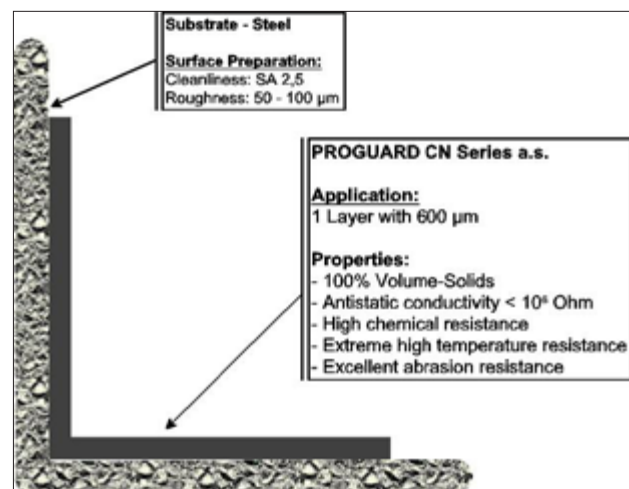
Storage tank for jet fuel

Technical solution

- **Proguard CN special filler**, 100 % solvent-free.
- **Proguard CN antistatic**, an electrostatic dischargeable coating system which we developed for the storage of high flammable substances and allows the dissipation of electric charges. The conductivity is performed by high conductive nano-fibres, embedded in a ceramic filled polymer matrix.

Unique benefits

- Long-term resistance against the storage fluid
- 1-coat system
- Sprayable without preheating
- 100 % solvent-free
- High temperature resistance
- High mechanical strength
- Extreme abrasion resistance
- Excellent flexibility



Structure of coating system

Are you planning a project?

We appreciate to give you technical advice for all issues and provide you the ultimative solution for all tanks and storage substances!