

User: Energy plant KONIN
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DESCRIPTION OF THE PROBLEM:

It is needed to protect 250m³ tank of water, intended for drinking water supply against corrosion in a power plant. Due to the large size of tank we have decided to use Chester D1/D2 protective coating system with corrosion inhibitors for airless application.

DESCRIPTION OF THE REPAIR:

We proceeded to prepare the surface by sanding to get a clean and rough surface. After cleaning the tank, it took three days to make whole application inside the tank. The first layer was made with Chester D1 Coating (red oxide color) and the second, protective layer was made with Chester D2 Coating (gray color). Coating D1 is firstly applied on the roof and the sides, and then Coating D2 in applied on the same areas – both D1 and D2 was applied with airless method. After removing the scaffolding inside the tank it is time to protect the bottom with both Chester Coatings. The tank had a height of 10 meters with a diameter of approx. 6 meters.

OBTAINED EFFECTS:

The repair was done in just 3 days once the surface was sandblasted. We have obtained a quick and perfect corrosion protection with 100% solids, without any solvent in D1/D2 Chester Coating, suitable for use in contact with drinking water.





