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Project: Chemical Storage Tank Repair



The Problem

As seen in the picture to the right, the external surface of this chemical storage tank was suffering heavily from corrosion. The same was true for neighboring tanks at this heating plant. These vessels are used to store ferric chloride and concentrated hydrochloric acid.

The customer needed high performance chemical and corrosion protection systems for both the internal and external surfaces of these chemical storage tanks.

Solution

The external surface of the tank was suitably prepared and primed with our anti-corrosive epoxy Corro-Tech GP, which is ideal for the protection of new and existing steel structures where surface preparation is restricted.

Uni-Tech UV was then applied to provide long term protection. Uni-Tech UV is a two component, solvent-based polyurethane finish designed for long-term protection. It is UV stable and provides superior weather and chemical resistance.

The internal surfaces of the ferric chloride and hydrochloric acid tanks were coated with Chemi-Tech CR and Chemi-Tech UC respectively.



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