Coatings for Tanks and Vessels:

Ceramic Polymer: External coating of a huge universal tank in Czech Republic

Czech Republic: The external coating of the large tank, which is part of a well-known car manufacturing company, was renovated effectively with our products CERAMIC-POLYMER STP-EP and PROGUARD169(37). The combination of our primer and top coat provides beside a simple application a durable protection against corrosion – even at extremely corrosive environmental conditions.

The tank has a height of 25 meters and is used within the car factory as a universal tank for different substances. The former condition of the tank required a complete renovation of the steel casing and the concrete base.

First of all, the steel was prepared for the application of the coating by sandblasting according to purity level Sa2.5. Afterwards our protective coating CERAMIC-POLYMER STP-EP was applied in a thin layer of 180 µm by airless spraying. The top coat PROGUARD 169(37) features already with a layer of only 70 µm a long-term weather resistance.

Technical Details

- **Project:** External coating of storage tank, refurbishment of concrete base
- **Size of the tank:** 25 m height, 30 m diameter
- **Area external coating:** 3.150 m²
- **Area concrete renovation:** 89 m²
- **Coating products:** CERAMIC-POLYMER STP-EP + PROGUARD 169(37)
- **Layers thicknesses:** 180 µm + 70 µm = 250 µm total DFT
- **Expected service life:** More than 15 years

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Do you need high-quality external coatings for long-term corrosion protection and value preservation?

Our portfolio contains protective coatings for each demand!