

Project Report/July 2023

StoFloor Industry Elastic WHG Deck 100 SR for containment tanks in the company colour light blue!

The Munich company cobos Fluid Service GmbH is a specialist for industrial (waste) water management. The company takes over the operation of systems for process water supply and waste water treatment, and is a specialist disposal company for industrial liquid waste. Collected liquid waste is treated in appropriate facilities at the disposal sites. These systems are placed on floors which must comply with the German Water Resources Act (WHG).

§ 62 WHG regulates the handling of water-polluting substances to protect the environment and the groundwater. Section (1) states: "Plants for storing, filling, producing and treating water-polluting substances as well as plants for using water-polluting substances in the commercial sector and in the area of public facilities must be designed and constructed and maintained in such a way that are operated and shut down so that there is no reason to fear that there will be a negative change in the properties of water bodies."

The investor had the containment tanks of the bottleneck systems in both production halls renewed with StoFloor Industry Elastic WHG Deck 100 SR. The coating system based on epoxy resin is specially formulated to protect against water-polluting substances when used for containment tanks. Highly crack-bridging, chemically highly resistant and tested and approved for areas defined in the WHG areas.

Together with the planner and applicator, the investor chose the colour of the new water protection coating in the company colours of cobos as the icing on the cake: in light blue. No problem for StoFloor Industry Elastic WHG Deck 100 SR.

Another decisive criterion was that the coating work in both containment tanks would restrict ongoing operations as little as possible. This was not a problem for the experienced applicator, who specialises in coating areas that are difficult to access and in working production facilities.

Properties of **StoFloor Industry Elastic WHG Deck 100 SR**

- StoCretec EP Coating System

- For chemical storage and secondary containment tanks for water-polluting fluids (LAU areas)
- For production areas dealing with water-polluting fluids (HBV areas)
- For laboratories and cleanrooms
- Statical crack-bridging: 0,3 mm
- Very high chemical resistance to test and special media (para. § 62 German Federal Water Act WHG)
- Certified and externally monitored system build-up with German national technical approval Z-59.12-310
- In accordance with EN 13813
- Very good ease of decontamination (DIN 25415-1)
- CSM Qualification Cleanroom Fraunhofer Institute IPA, Germany
- FDA-tested in accordance with 21CFR§175.300
- Various test certificated available for skid resistance, classes R11 and R 12
- Very high mechanical resistance
- Can be driven in with polyamide, Vulkollan, or solid rubber tyres

Who & What

Project:	WHG containment tank for industrial waters	
Investor:	cobos Fluid Service GmbH, München, DE	
Planner & Applicator:	Tankschutz Schulz GmbH, Schöllnach, DE	
Realisation:	4/2023	
StoCretec Competence:	StoFloor Industry Elastic WHG Deck 100 SR	
	Prime coating	StoPox WHG Grund 100
	Levelling coat	StoPox WHG Grund 100
	Coating	StoPox WHG Deck 100
	Intermediate layer	StoPox WHG Deck 100
	Scattering	StoQuarz 0,3-0,8 mm/0,6-1,2 mm
	Sealing coat	StoPox WHG Deck 100

(Photos courtesy of Tankschutz Schulz GmbH)



