



Leopoldshöhe Biogas facility Leopoldshöhe

Case Study

The Biogas facility in Leopoldshöhe wanted a protective flooring and lining system to protect the surfaces of the reinforced concrete storage tanks used to contain the biofuels used in the Biogas production process. This included some which had existing asphalt floors. Rüdiger Schmidt Contractors had no hesitation in recommending VIP QuickSpray Industrial, a 2-component polyurea system that is hot-sprayed and fast-curing, with the performance to meet all of the owner's requirements.

All of the floors and surfaces of the precast wall elements were cleaned and then primed with VIP QuickPrime, plus the joints between the units were filled with QuickFill Sealant to accommodate any subsequent movement etc. Finally the VIP QuickSpray Industrial coating system was applied using a Graco hot-spray machine, in a light grey colour over all of the primed and sealed surfaces.

This created a watertight membrane on the floors and around the tank walls, especially at the floor-wall junction and over the existing asphalt floor. Incredible the work on each storage tank was completed and put back into service within an extremely quick turnaround of only two days, thus also minimizing downtime and interruption.



Utilities - Energy - Biogas

Client:

Leopoldshöhe Biogas facility

Consultants

TÜV Nord, Osnabrück

Specialist Contractor:

Rüdiger Schmidt

Products Used:

VIP Polyurea Systems

Contact:

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