



Denton Water Treatment Works, Greater Manchester

Case Study

A high performance, Sikadur epoxy resin based, chemically resistant protective coating and lining system was supplied by NCC North West, to protect the refurbished concrete floor and wall surfaces against future chemical attack from the aggressive waste water at Denton Water Treatment Works.

This advanced floor and wall repair and protection system, gave tremendous time and cost advantages to this plant refurbishment option, especially over the alternative solution of building a completely new concrete slab and walls that would also still require additional surface protection. These repair and protection works were all carried out by Ram Services Limited for the regional United Utilities framework contractor GCA, with the works covering the refurbishment of more than 2,000 square metres of concrete floor and wall surfaces at the Denton plant.

The refurbishment process was firstly for the existing concrete to be cleaned and the damaged sections removed and repaired using fast-setting Sika epoxy resin mortars. Then all of the surfaces were protected with the highly chemically resistant, epoxy resin coating system, which was designed to prevent any future chemical attack of the concrete.

Client:
United Utilities
Specialist Contractor:
Ram Services Ltd
Products Used:
Sika Epoxy Systems
for Floors and Walls
Contact:
NCC Resin Flooring
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