



Denton Raw Water Treatment Plant, Denton

Case Study

A high performance DWI Approved, internal epoxy resin based, protective lining system supplied by **NCC** has been applied to protect the repaired and levelled concrete surfaces against future water ingress and chemical attack, or leaching into the raw water at Denton Water Treatment Works.

This Sika concrete repair and protection system also gave tremendous time and cost advantages overall, when compared to the alternative option of building a new concrete slab and walls, which would also have needed additional surface protection, with a similar protective coating. The work was carried out by Ram Services Limited for United Utilities Framework Contractor GCA and in total this involved the repair and protection of over 2,000 square metres of concrete surfaces in the tank.

The procedure was to thoroughly clean all of the existing concrete surfaces, mechanically remove any damaged or deteriorated concrete, then patch repair these areas with Sika resin mortars, followed by application of the high build, Sikagard 62 protective coating to seal the surface and prevent any future chemical attack.

Client:

Denton Water Treatment Works

Specialist Contractor:

Ram Services Ltd

Products Used:

Sika Resin Mortars, Sikagard 62

Contact:

NCC for Bund Lining

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