



Case Study

Crossness Sewerage Treatment Works



Cemplas Waterproofing and Concrete Repairs Ltd were called in by Laing O'Rourke to inspect three sewerage tanks at the treatment works.

Cemplas surveyors undertook a lengthy survey reporting the tanks had cracking and leakage which was combined with defective movement joints and rust spots. Cemplas also undertook a survey to the plant room floor which was in a poor state.

Following the survey, Cemplas provided a detailed quotation together with proposals to undertake the remedial repairs, and were subsequently awarded the £55,000 project by Laing O'Rourke to carry out the works.

Operatives accessed the work areas using mobile towers and cherry pickers. Grass matting was provided to protect the newly seeded grass areas.

To seal the leaking cracks to the tank walls Cemplas injected Sealboss polyurethane resin. Defective movement joints were repaired using a high build polymer modified repair mortar and the mastic movement joints were reinstated using Fosroc Nitoseal. Operatives then cut out the rust spots and repaired these areas with specialist repair mortars.

To ensure the plant room remained operational throughout, Cemplas worked out of hours applying Deckmaster SFS resin floor coating in two visits.

Formed in 1969, Cemplas are committed to undertaking the correct practice of concrete repair in this specialist construction sector, and all works were undertaken on time, on budget and to the client's complete satisfaction.

To view the previous case studies of specialist works undertaken by Cemplas, please visit **www.cemplas.co.uk**.

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