

Project:
Sewage Treatment Works

Location:
Southampton

Owner/s:
Wessex Water

Applicator/Contractor:
Southern Concrete Services Ltd

Market sector:
Wastewater Industry

Products used:
Ucrete PSC
MasterSeal M 808

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Sewage Treatment Works, Southampton **Refurbishment of 3 Primary Settlement Tanks**



Our reference in Southampton (United Kingdom): Sewage Water Treatment Works

The background

Wessex Water required a chemically resistant, elastic coating to protect 3 concrete settlement tanks which had been the subject of long term chemical attack by waste water effluent.

The challenge

The contract required the removal of all existing contamination back to sound concrete. A moisture tolerant primer was required to enable a rapid overcoating of the concrete as there was limited possession time. The coating was to be approved under Regulation 31, for use with potable water and be chemically resistant to protect the concrete from further attack.

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Sewage Treatment Works, Southampton

Refurbishment of 3 Primary Settlement Tanks



Our reference in Southampton (United Kingdom): Sewage Water Treatment Works

Our solution

The concrete surface was treated with high-pressure water to removal all contaminants. The surface dry concrete was primed with one coat of Ucrete PSC moisture tolerant primer and two coats of MasterSeal M 808 elastic polyurethane coating; applied by brush, squeegee and roller.

Benefits to the customer

- Ucrete PSC moisture tolerant primer enabled the MasterSeal M 808 topcoat to be applied without delay, reducing the overall application time by several days from preparation to commissioning.
- MasterSeal M 808 , Regulation 31 approved coating for use in contact with potable water
- MasterSeal M 808 provided a chemically resistant, elastic coating to accommodate the seasonal thermal movement caused by its external location.

Projects facts at a glance

- Sewage Treatment Works servicing Southampton
- Removal of existing contamination
- Regulation 31 approved chemically resistant coating applied
- Master Builders Solutions supplied products to , prime and coat tanks

Master Builders Solutions by MBCC Group

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Further information is available at:
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