

Project:
Sewage Treatment Works

Location:
Glastonbury

Owner/s:
Wessex Water

Applicator/Contractor:
Southern Concrete Services Ltd

Market sector:
Wastewater Industry

Products used:
MasterSeal 590
MasterTop P 660
MasterSeal M 336

Sales Contact:
Darren.priddle@mbcc-group.com

Technical Contact:
christopher.gallivan@mbcc-
group.com

Sewage Treatment Works, Glastonbury

Application of a chemically resistant coating to sewage tanks



Our reference in Glastonbury (United Kingdom): Sewage Treatment Works

The background

The aeration tanks and anaerobic sludge digesters at this sewage treatment works in Somerset required waterproofing prior to the upcoming Glastonbury Festival, for which it services the facilities.

The challenge

The contract required the removal of all existing contamination back to sound brickwork before applying a fast-setting mortar to patch and point the brickwork. The coating system to be used needed to resist an acidic environment and a further constraint was the limited possession time.

Head Office:
Master Builders Solutions UK Ltd
Swinton Hall Road
Swinton Manchester
M27 4EU, United Kingdom

T: +44 (0)161 727 6300

Redditch Office:
Master Builders Solutions UK Ltd
19 Broad Ground Road, Lakeside,
Redditch, Worcestershire,
B98 8YP, United Kingdom

T +44 (0)1527 512 255

Sewage Treatment Works

Application of a chemically resistant coating to sewage tanks



Our reference in Glastonbury (United Kingdom): Sewage Treatment Works

Our solution

The brickwork surface was treated with high-pressure water to remove all contaminants prior to repairs and repointing using MasterSeal 590 rapid-setting mortar. The dry brick substrate was primed with one coat of MasterTop P 660 rapid-setting polyurethane primer and a topcoat comprised of two coats of MasterSeal M 336 flexible epoxy polyurethane coating was applied by brush and roller.

Benefits to the customer

- The use of MasterSeal 590 allowed the repairs to be primed after one day.
- MasterTop P 660 rapid setting polyurethane primer enabled the MasterSeal M 336 topcoat to be applied without delay, reducing the overall application time by several days from preparation to commissioning.
- MasterSeal M 336 provided chemical resistance with the flexibility to accommodate the seasonal thermal fluctuations caused by its external location.

Projects facts at a glance

- Treatment works servicing Glastonbury Festival
- Removal of existing contamination and repairs to brickwork
- Master Builders Solutions supplied products to repair, prime and coat tanks

Master Builders Solutions by MBCC Group

The Master Builders Solutions brand expresses MBCC Group's expertise in providing customized chemical solutions for new construction, maintenance, repair and restoration of structures.

Master Builders Solutions is built on the experience gained from more than a century in the construction industry. At the core of the Master Builders Solutions brand is the combined know-how and experience of a global community of construction experts, who connect with you to solve all of your construction challenges.

Further information is available at:
www.master-builders-solutions.com