

# SIKA AT WORK

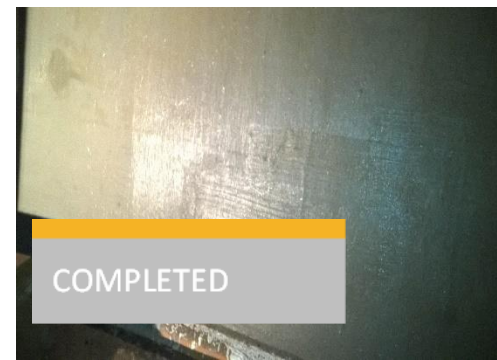
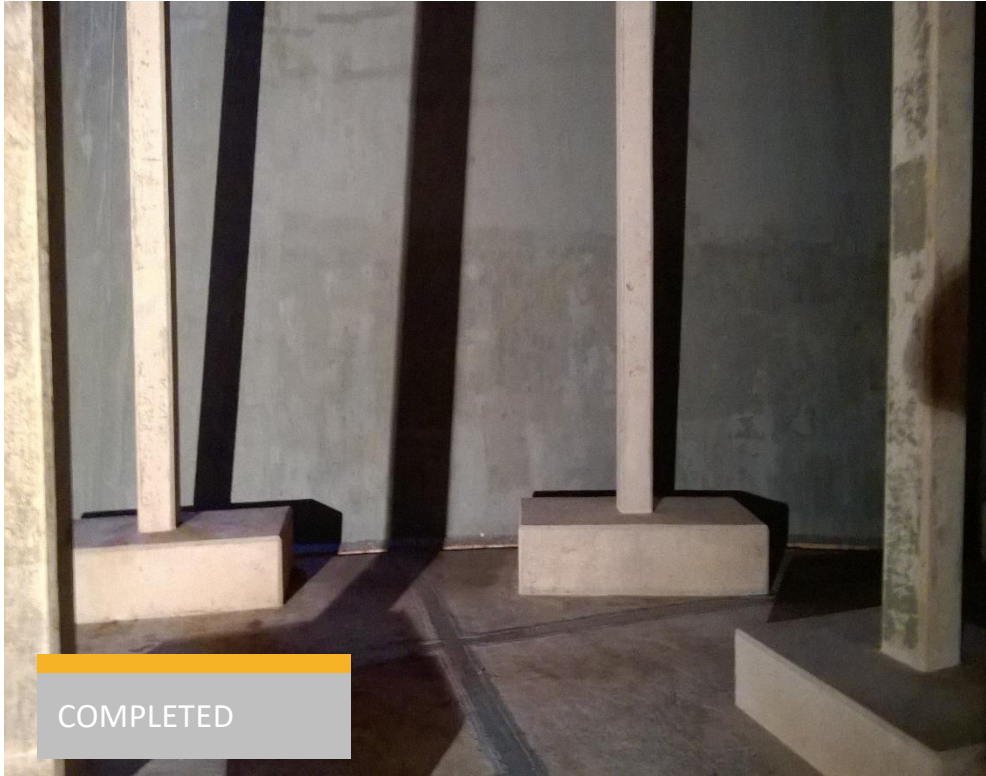
## Service Reservoir, East Sussex

Waterproofing SikaTop®-588 Seal and Sikadur-Combiflex®-930 and Sikadur-Combiflex®-933

BUILDING TRUST



# SERVICE RESERVOIR, EAST SUSSEX



## PROJECT DESCRIPTION

This service reservoir is located on the chalk hills above Eastbourne at well-known beauty spot Beachy Head. The underground reservoir required joint replacement and internal waterproofing to prevent moisture loss or ingress.

## PROJECT REQUIREMENT

The contract required the removal of all existing contamination back to sound concrete. A moisture tolerant adhesive and joint bandage were needed that could provide a fast return to service time while sealing the leaking joints. A flexible cementitious membrane to coat the concrete and accommodate any future movement within the structure completed the specification. All materials had to be Regulation 31 approved for use in contact with potable water.

## PROJECT SOLUTIONS

The concrete surface was treated with high pressure water to remove all contaminants. Sikadur-Combiflex®-930 bandage was applied onto Sikadur-Combiflex®-933 moisture tolerant adhesive to seal the vertical and horizontal joints. SikaTop®-588 Seal was applied to the concrete by brush in two coats of 1mm per coat. SikaTop®-588 Seal White was applied followed by a second coat of SikaTop®-588 Seal Grey.

## PROJECTS FACTS AT A GLANCE

- Potable water reservoir servicing Eastbourne
- Preparation of the concrete surface
- Regulation 31 approved joint bandage and coating applied.

## PROJECT PARTICIPANTS

Owner: South East Water

Contractor: Browne

Market sector: Clean Water

Sika Products: SikaTop®-588 Seal and Sikadur-Combiflex®-930 and Sikadur-Combiflex®-933