



EUROTEAM

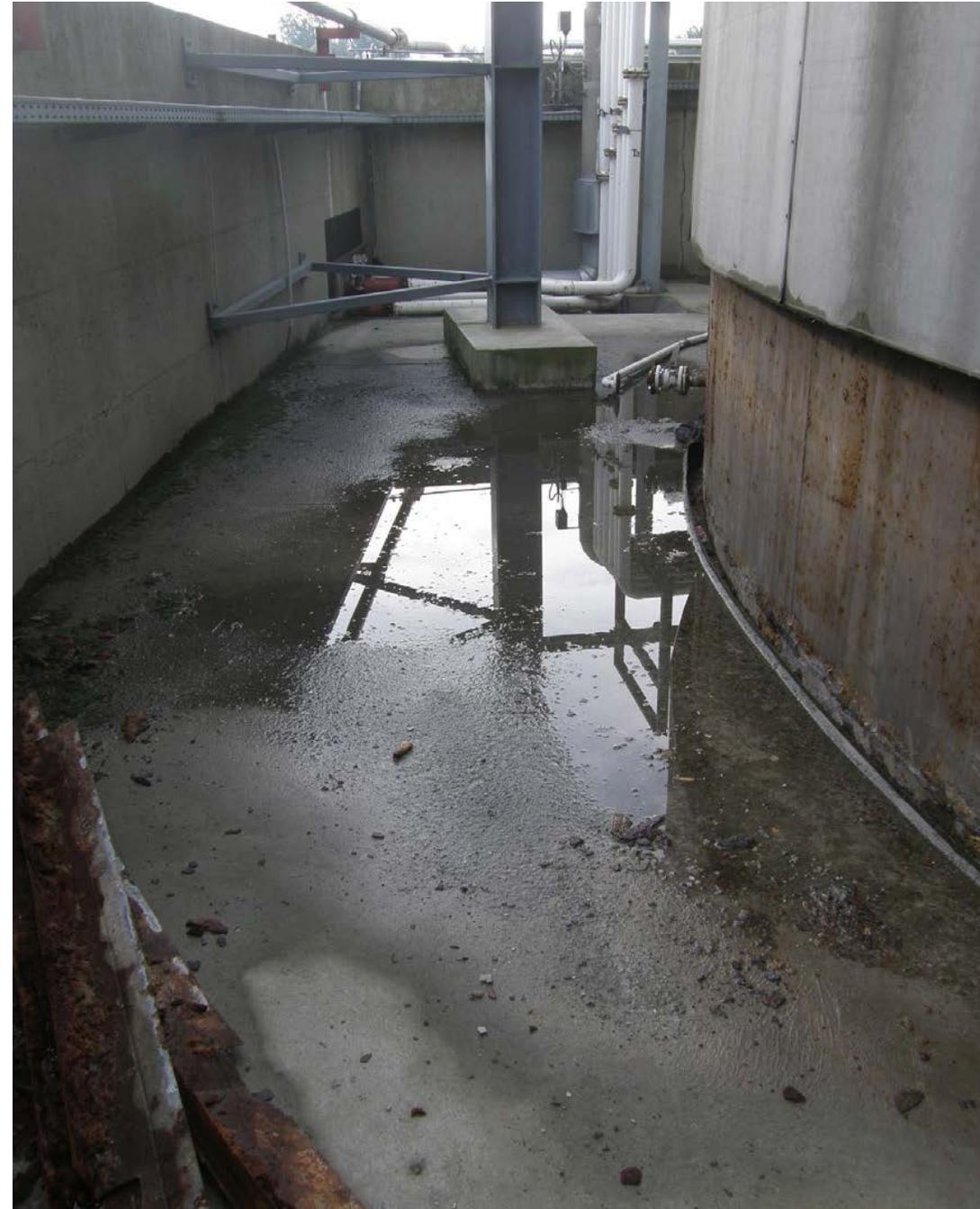
PROJECT REPORT
REFURBISHMENT OF THE COLLECTION TRAY AT THE RHEIN-TANKLAGER





PROJECT DESCRIPTION

Tank Farm 2: a concrete containment basin in accordance with the Water Resources Act, housing six large storage tanks. The waterproofing of this containment basin is to be repaired. Cracks in the floor and walls caused by settlement and other factors must be sealed, as must the joints in the concrete surface around structural elements, gutters and pump foundations. The connections between the storage tank foundations and the containment basin must also be sealed in accordance with the WHG. Chipped edges and spalling on the concrete containment basin will be re-profiled and repaired using a concrete replacement material approved for LAU facilities.





PROPERTY

- RTG Rhein-Tanklager, containment basin for tank farm 2

BUILDER

- RTG Rhein-Tanklager-GmbH

PROJECT SIZE

- 1,096 linear metres of construction joints, connection joints and cracks to be sealed

SYSTEM SOLUTION

- EUROTEK TK Sealing Tape WHG/LAU EUROREPAIR PC 96 WHG



SOLUTION

EUROTEK TK are high-performance sealing tapes for component and connection joints in areas subject to foot traffic, offering very high chemical resistance, specifically designed for the chemical and petrochemical industries. The advantage of the joint tape system is that the joint is freely spanned by the EUROTEK TK WHG sealing tape. Thanks to the range of tape widths available, the required movement absorption (expansion zone) can be adapted to the relevant requirements. In some cases, there is no need for the laborious removal of old, defective joint compounds, as the joint tape is laid over the existing joint. Our EUROTEK TK WHG/LAU joint sealing system has been tested and approved by the DIBt (German Institute for Building Technology). The concrete damage was repaired using the building authority-approved concrete replacement material EURORE-PAIR PC 96 WHG.

SYSTEMADVANTAGES:

EUROREPAIR PC 96 WHG

- Chemical-resistant
- Liquid-tight
- Suitable for use with pneumatic or vulcanised tyres
- Blended at the factory
- Pre-pigmented
- Fast curing
- Modulus of elasticity equivalent to that of road concrete
- Very high compressive strength
- Easy to use
- For unreinforced concrete
- General building approval: Z-74.12-9

SYSTEMADVANTAGES:

EUROTEK TK SEALING TAPE WHG

- Root Festival
- Easy to repair and recyclable
- Highly resistant to chemicals
- High UV and weather resistance
- Above-average shock absorption
- Widths from 80 to 300 mm
- Excellent cold flexibility
- High resistance to ageing
- European Technical Approval: ETA-10/0314



WE TRANSFER TECHNOLOGY



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